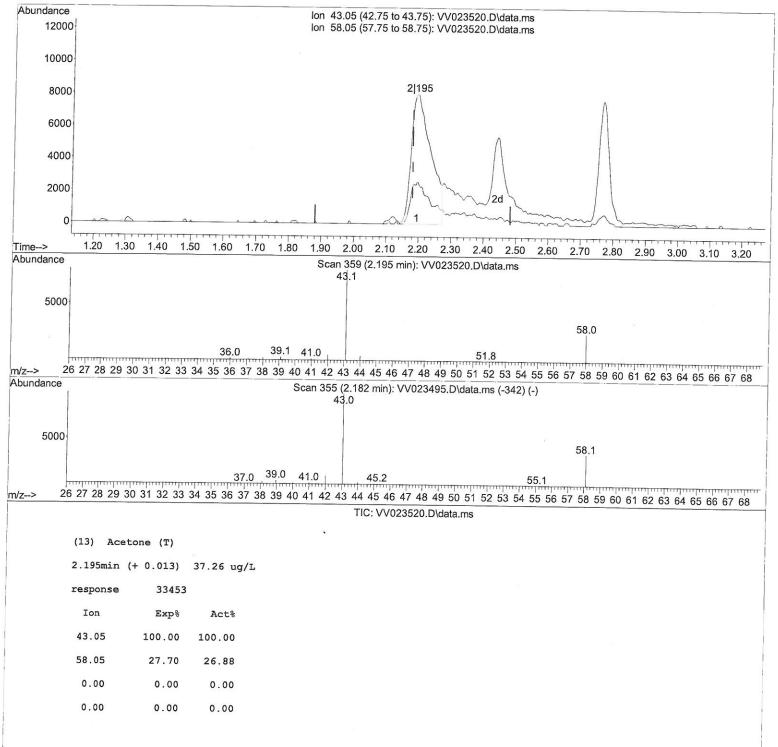
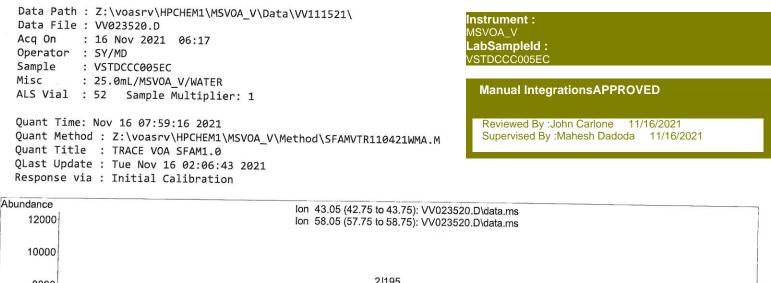
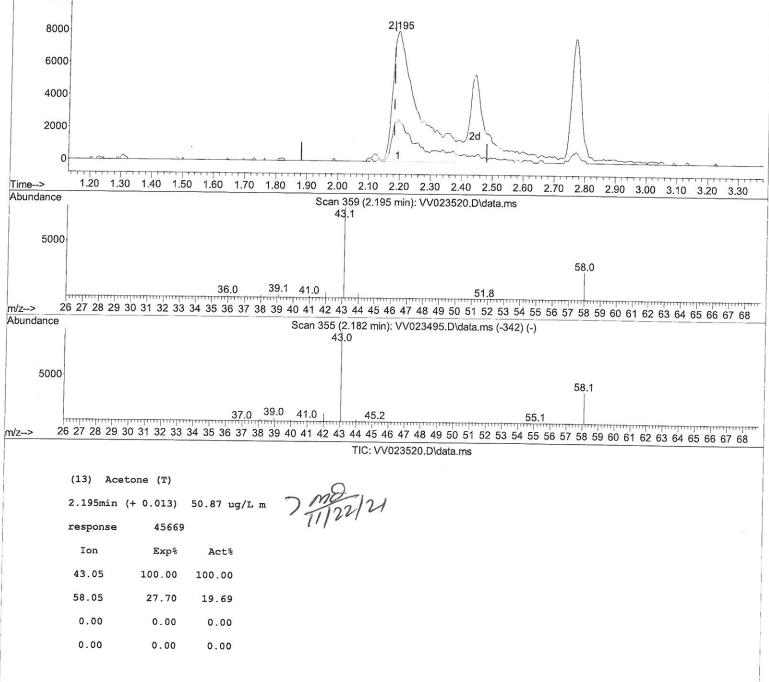
Data Pat Data Fil Acq On Operator Sample Misc ALS Vial	e : V : 10 : 5 : V : 25	V023520.[ 5 Nov 202 Y/MD STDCCC005 5.0mL/MS\	D 21 06: 5EC /OA_V/W	:17		a\VV1:	11521\				MS <b>La</b> l VS	trume VOA_V bSamp TDCCC Manua	oleld : 005EC		sAPPRO	VED		
Quant Tir Quant Met Quant Tit QLast Upo Response	thod : tle : date :	Z:\voas TRACE V Tue Nov	srv\HPC /OA SFA / 16 02	HEM1\M M1.0 :06:43	2021	lethoo	I\SFAMVT	R1104	21WM/	A.M		Review Superv	ed By : ised By	John Ca r :Mahes	arlone 1 sh Dadoda	1/16/2021 11/16/		
Abundance 440000	]						TIC	: VV02	3520.0	D\dat	a.ms							
420000																		
400000		ane,T																
380000		. <del>1-Dic</del> hlofoe)ঞ্ <del>যজনের্ধনায়</del> নর্ধাস্ট্র-Tirifluoroethane, T							e-xylene,T	Г, о	1e,T Ie,T							
360000		Helta Zhi							e <del>, T - 0</del> -xy	lsopropylbenzene,T	1,3,5-Trimethylbenzene,T ,2,4-Trimethylbenzene,T hlømbenzene-dd 1							
340000		Detriction				1	none,T	F.	Styrene, T	lsoprop	1,3,5-Trimethylbenz 1,2,4-Trimethylbenz 1,3-Dichlorg <u>gefffeng-Tidshenzens-</u> d4	2-Dichtofo0401g8htspbenzene-d4,S						
320000		iehlortge#					rolueneପ୍ୟଞ୍ଜିକ୍ଲା,Tunyi-z-penianone, T	Chlorob6กิษัยสุดษิฐาวะคาe-d5,1 m.ptitiyibepzene,T		1	1,3, 1,2, bth:Diahls	aktepbenz						
300000		<b>d</b> ++				:	e-wemy	ane-d5,1 Ethyl			Prichfer 1	oficæehize	anazi					
280000		8					ueneod&	ษณณตาวเ			ichlorobe	1,2-Dichit	1,3,5-Trichlorobenzene					
260000		ne,T						lorob6h			13-D		1,3,5-Tric					
240000		Methyl tættbu <b>lg Ellebig</b> foethene, T					2-Hexanoné-dájgoethene, T	ර 						2,4-trichlorobenzene,T frichlorobenzene,T				
220000		buth Elici		Rzehter, me-d6, S	1,4-Diffuorobenzene,1 Trichloroethene,T 1.2-Dischoroethefe,T Methylcyclohexane,T Chlorometheren T		oethene,							,2,4-trichlorobenzer Trichlorobenzene,T				
200000	eidt875 omethane,T	thy teats		BeRente	robenzene,l hylcyclohex:		etrachlor					i.		1,2,4-tr 1,2,3-Trichle				
180000	Vinyfighichidheategr				1,4-Difluorob ethene,T ST Methyli		2-Hexan							1,2				
160000	Vinylig	sulfide, T chloride, T	hene,T	e Teane, T coothane	richloroe an <u>6-d6</u> .S	ene,T				12,S								
10		Carbon disulfide,T Methylene chloride,T hane,T	2-Butanciaef.0503chloroethene,T	Chronoffermitru, S 11.1.1.1.1.1.1richlorceglagnestane, T Carbon tetrachloride, T .2.Dictmoroethane, T.2. Dichlorcothane. d4, S	T 1.2-DichOconco Bromodichloromethane T	cis-1,3-Dichloropropene,T	roproper lloroetha thane, T			1,2,317hi2i引37ajphtpggggggggggggggggggggggggggggggggggg				ene				
140000 120000 100000	18,5	Carb Methyl 1,1-Dichloroethane,T	ane-Lis.	CHIMO L1-Trichl bon tetra	1,2-Pict	-1,3-Dich	1,2-Trich			elegal a legal				Naphthalene				
100000	Chiereenetherres 5	1,1-Dichl	- 2-Butan promethe	11 Car Dichtoroe	Bromod	cis	rteans 4 1,			<b>i</b> દેાવે <i>दे</i> क्क			ane,T					
80000	CARDAR		,12-Butanciaet.05.03chloroett Bromochloromethane.1	1.2.1			#ans-1.3-Dichloropreparer(5, Bichloropropene, T 1,1,2-Trichloroethane, T 1,2-Dibromoeth2006;4nochloromethane, T		Bromoform,T	1,2,317			1,2-Ulbromo-3-chloropropane,T					
60000		ate.T	2-Butanone,1				ans-1,3-1 1,2-Dib		Bromo				omo-3-ch					
40000		Acetore, I Methyl Acetate, J	2-8										Judiu-2,1					-
20000		Me																
₀Щ				<u>U</u>					Щ									
me>	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.0	00	11.00	12.00	13.00	0 14.0	0 15.00	16.00	17.00	1

SFAMVTR110421WMA.M Tue Nov 16 08:01:11 2021

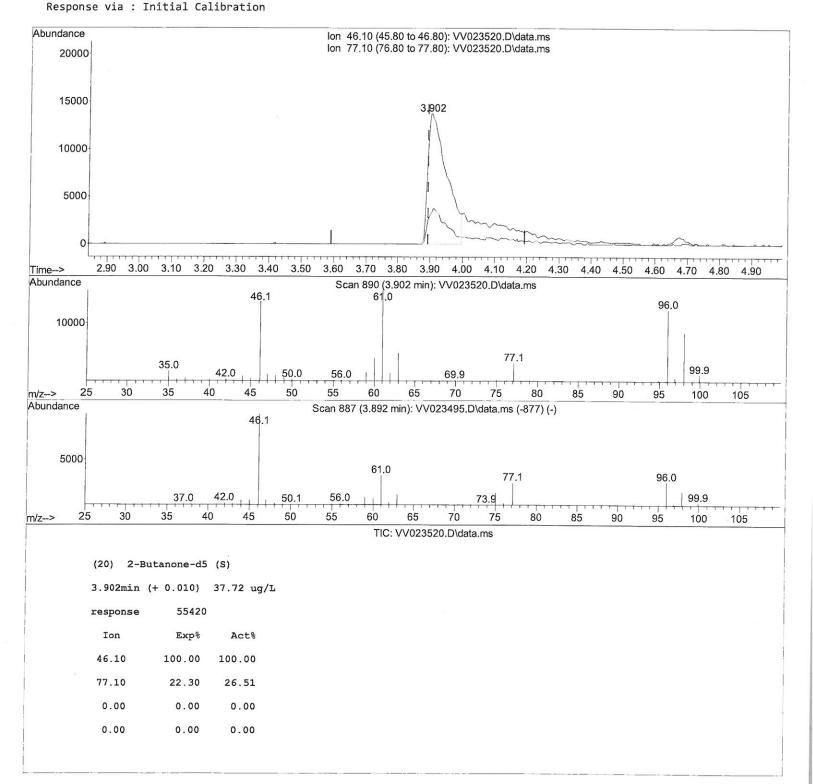




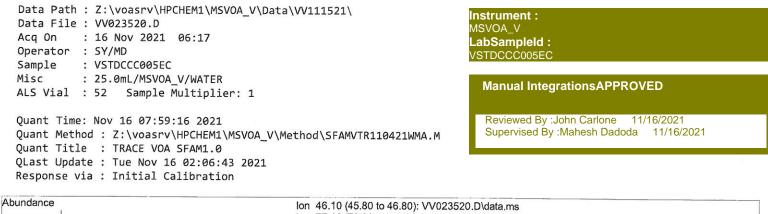


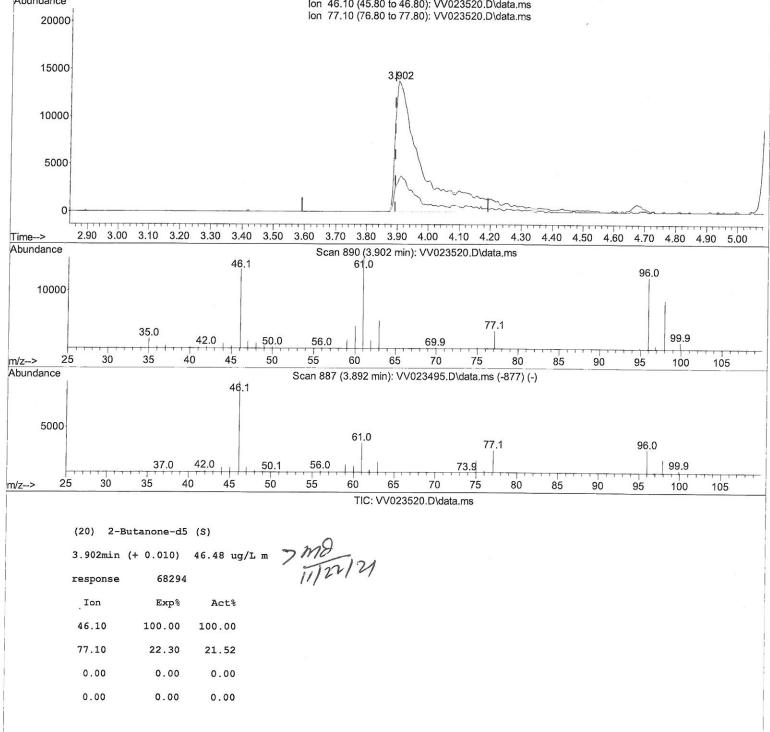






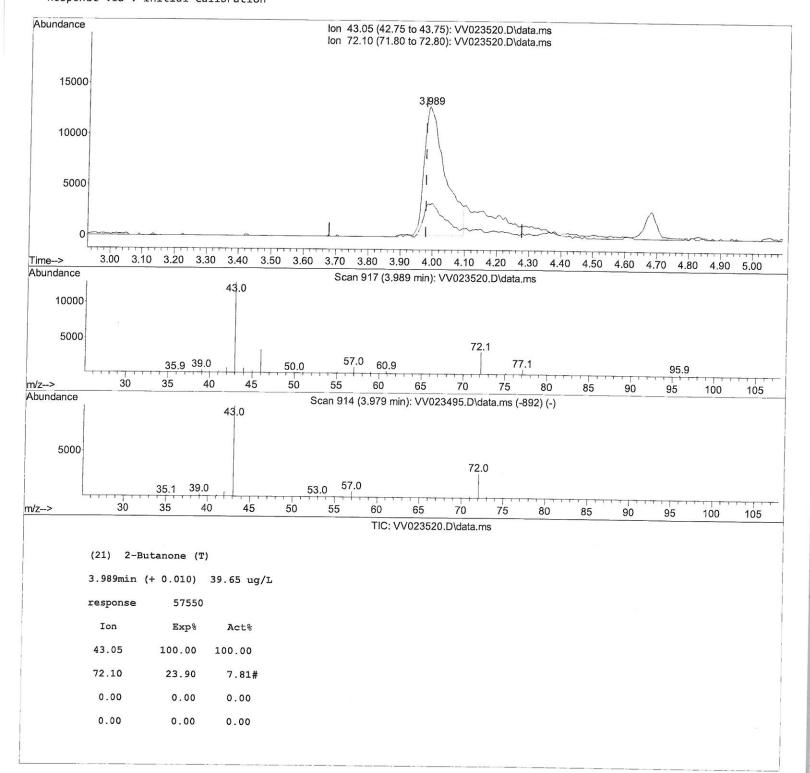
Quantitation Report (Qedit)





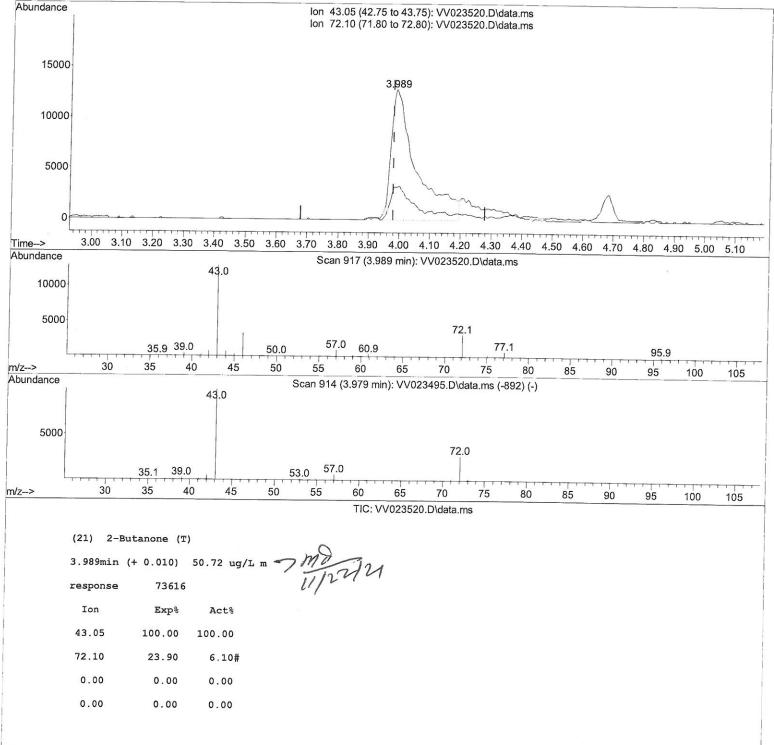
SFAMVTR110421WMA.M Tue Nov 16 08:00:16 2021





Quantitation Report (Qedit)





	ę						
Data Path : Z:\voasrv\HPCHEM	1\MSVOA_V\Data\V	/111521\	Instrument :				
Data File : VV023520.D	MSVOA_V						
Acq On : 16 Nov 2021 06:	LabSampleId :						
Operator : SY/MD	VSTDCCC005EC						
Sample : VSTDCCC005EC							
Misc : 25.0mL/MSVOA_V/W			Manual IntegrationsAPPROVED				
ALS Vial : 52 Sample Mult	ipiier: 1		e e e e e e e e e e e e e e e e e e e				
Quant Time: Nov 16 07:59:16	7021		Reviewed By :John Carlone 11/16/2021				
Quant Method : Z:\voasrv\HPC		od SEAMVITE11002111MA M	Supervised By :Mahesh Dadoda 11/16/2021				
Quant Title : TRACE VOA SFA	M1.0	ICU (STANVIRIE0421WHA.M	and a second				
QLast Update : Tue Nov 16 02							
Response via : Initial Calib							
Compound	R.T. QION	Response Conc Units Dev	(Min)				
Internal Standards							
1) 1,4-Difluorobenzene	5.619 114	136130 5.000 ug/L	0.00				
28) Chlorobenzene-d5 58) 1,4-Dichlorobenzene-d4	8.854 117	135398 5.000 ug/L	0.00				
56) 1,4-Dichiorobenzene-d4	11.249 152	73259 5.000 ug/L	0.00				
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.307 65	42467 4.980 ug/L	0.00				
Spiked Amount 5.000	Range 40 - 130	<b>0</b> ,					
<ol> <li>Chloroethane-d5</li> </ol>	1.568 69	34463 4.958 ug/L	° 0.00				
Spiked Amount 5.000	Range 65 - 130	Recovery = 99.200					
<pre>11) 1,1-Dichloroethene-d2</pre>	2.111 63	77799 4.873 ug/L					
Spiked Amount 5.000	Range 60 - 125	Recovery = 97.400%					
20) 2-Butanone-d5	3.902 46	68294m 46.483 ug/L	0.00 112214				
Spiked Amount 50.000	Range 40 - 130	Recovery = 92.960%	6 1775				
24) Chloroform-d	4.349 84	85707 4.716 ug/L	0.00				
Spiked Amount 5.000	Range 70 - 125	Recovery = 94.400%					
26) 1,2-Dichloroethane-d4	5.034 65	38849 4.753 ug/L	0.00				
Spiked Amount 5.000 32) Benzene-d6	Range 70 - 130	Recovery = 95.000%					
Spiked Amount 5.000	5.050 84 Pango 70 125	164818 4.744 ug/L	0.00				
36) 1,2-Dichloropropane-d6	Range 70 - 125 6.072 67	Recovery = $94.800\%$					
Spiked Amount 5.000	Range 60 - 140	45875 4.486 ug/L Recovery = 89.800%	0.00				
41) Toluene-d8	7.317 98	161104 4.949 ug/L	0.00				
Spiked Amount 5.000	Range 70 - 130	Recovery = $99.000\%$					
43) trans-1,3-Dichloroprop.	. 7.622 79	18072 4.660 ug/L	0.00				
Spiked Amount 5.000	Range 55 - 130	Recovery = 93.200%					
46) 2-Hexanone-d5	8.092 63	63928 44.807 ug/L	0.00				
Spiked Amount 50.000	Range 45 - 130	Recovery = 89.620%					
56) 1,1,2,2-Tetrachloroeth.		33674 4.579 ug/L	0.00				
Spiked Amount 5.000 66) 1,2-Dichlorobenzene-d4	Range 65 - 120	Recovery = 91.600%					
Spiked Amount 5.000	11.625 152 Range 80 - 120	58129 4.765 ug/L	0.00				
Spiked Amount 5.000	Malike 00 - 120	Recovery = 95.400%					
Target Compounds		Qva					
2) Dichlorodifluoromethane	1.130 85	55263 4.163 ug/L	100				
<ol><li>Chloromethane</li></ol>	1.240 50	50318 4.458 ug/L	96				
<ol><li>5) Vinyl chloride</li></ol>	1.311 62	51491 4.568 ug/L	99				
6) Bromomethane	1.523 94	23727 3.293 ug/L	93				
8) Chloroethane	1.587 64	30978 4.763 ug/L	99				
9) Trichlorofluoromethane	1.754 101	78697 4.647 ug/L	98				
10) 1,1,2-Trichloro-1,2,2 12) 1,1-Dichloroethene		40164 4.711 ug/L	96				
13) Acetone	2.121 96	37699 4.644 ug/L	93 MO 12-1				
14) Carbon disulfide	2.195 43 2.298 76	45669m 50.871 ug/L	93 MB 99 TI/22/21				
15) Methyl Acetate	2.298 76 2.442 43	124001 4.048 ug/L 12615 4.965 ug/L #					
16) Methylene chloride	2.510 84	12615 4.965 ug/L # 46489 3.924 ug/L	87 99				
17) Methyl tert-butyl Ether	2.770 73	83506 4.673 ug/L	99				
18) trans-1,2-Dichloroethene	2.764 96	43307 4.340 ug/L	95				
19) 1,1-Dichloroethane	3.191 63	74705 4.434 ug/L	0				
21) 2-Butanone	3.989 43	73616m 50.720 ug/L	85 mo 122/21				
22) cis-1,2-Dichloroethene	3.915 96	45524 4.740 ug/L #	86 1122/0				
23) Bromochloromethane	4.253 128	20730 4.681 ug/L #	78				

SFAMVTR110421WMA.M Tue Nov 16 08:01:10 2021

(QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111521\ Data File : VV023520.D Acq On : 16 Nov 2021 06:17 Operator : SY/MD : VSTDCCC005EC Sample Misc : 25.0mL/MSVOA\_V/WATER ALS Vial : 52 Sample Multiplier: 1

Compound

Instrument : /ISVOA\_V LabSampleId : VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By : John Carlone 11/16/2021 Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 16 07:59:16 2021 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M Quant Title : TRACE VOA SFAM1.0 QLast Update : Tue Nov 16 02:06:43 2021 Response via : Initial Calibration

R.T. QIon Response Conc Units Dev(Min) -----25) Chloroform 4.378 83 82803 4.610 ug/L 93 27) 1,2-Dichloroethane 5.134 62 42845 4.485 ug/L 98 29) 1,1,1-Trichloroethane 4.609 97 73949 4.497 ug/L 98 30) Cyclohexane 4.680 56 62376 4.233 ug/L 98 Carbon tetrachloride 4.828 117 68859 4.662 ug/L 95 33) Benzene 5.101 78 173150 4.575 ug/L 100 34) Trichloroethene 5.915 95 46096 4.580 ug/L 98 35) Methylcyclohexane 6.130 83 67914 4.276 ug/L 95 37) 1,2-Dichloropropane 6.175 63 37988 4.300 ug/L 99 38) Bromodichloromethane 6.510 83 4.606 ug/L 54536 98 39) cis-1,3-Dichloropropene 7.027 75 53818 4.235 ug/L 95 40) 4-Methyl-2-pentanone 7.227 43 213038 51.992 ug/L 99 42) Toluene 7.387 91 192738 4.762 ug/L 100 44) trans-1,3-Dichloropropene 7.654 75 48167 4.568 ug/L 94 45) 1,1,2-Trichloroethane 7.841 97 29519 4.650 ug/L 98 47) Tetrachloroethene 7.976 164 39443 4.522 ug/L 99 48) 2-Hexanone 8.143 43 155253 54.073 ug/L 96 49) Dibromochloromethane 8.246 129 37670 4.683 ug/L 96 50) 1,2-Dibromoethane 8.352 107 28215 4.796 ug/L 98 51) Chlorobenzene 8.883 112 123278 4.582 ug/L 100 52) Ethylbenzene 9.011 91 196683 4.607 ug/L 96 53) m,p-xylene 9.140 106 78976 4.714 ug/L 98 54) o-xylene 9.545 106 72891 4.637 ug/L 96 55) Styrene 9.561 104 130173 4.834 ug/L 98 57) 1,1,2,2-Tetrachloroethane 10.243 83 31635 4.548 ug/L 99 59) Bromoform 9.731 173 20456 4.675 ug/L # 99 60) Isopropylbenzene 9.931 105 200337 4.765 ug/L 99 61) 1,2,3-Trichloropropane10.275752402162) 1,3,5-Trimethylbenzene10.538105163529 4.936 ug/L 98 4.691 ug/L 99 63) 1,2,4-Trimethylbenzene 10.915 105 164719 4.748 ug/L 99 64) 1,3-Dichlorobenzene 11.182 146 100063 4.658 ug/L 96 65) 1,4-Dichlorobenzene 11.272 146 99464 4.534 ug/L 98 67) 1,2-Dichlorobenzene 11.645 146 92869 4.832 ug/L 98 68) 1,2-Dibromo-3-chloropr... 12.429 75 4913 4.739 ug/L 100 69) 1,3,5-Trichlorobenzene 12.644 180 72566 4.315 ug/L 97 70) 1,2,4-trichlorobenzene 13.262 180 56340 4.183 ug/L 99 71) Naphthalene 13.503 128 79622 4.009 ug/L 99 72) 1,2,3-Trichlorobenzene 13.744 180 51032 4.331 ug/L 99 .....

(#) = qualifier out of range (m) = manual integration (+) = signals summed