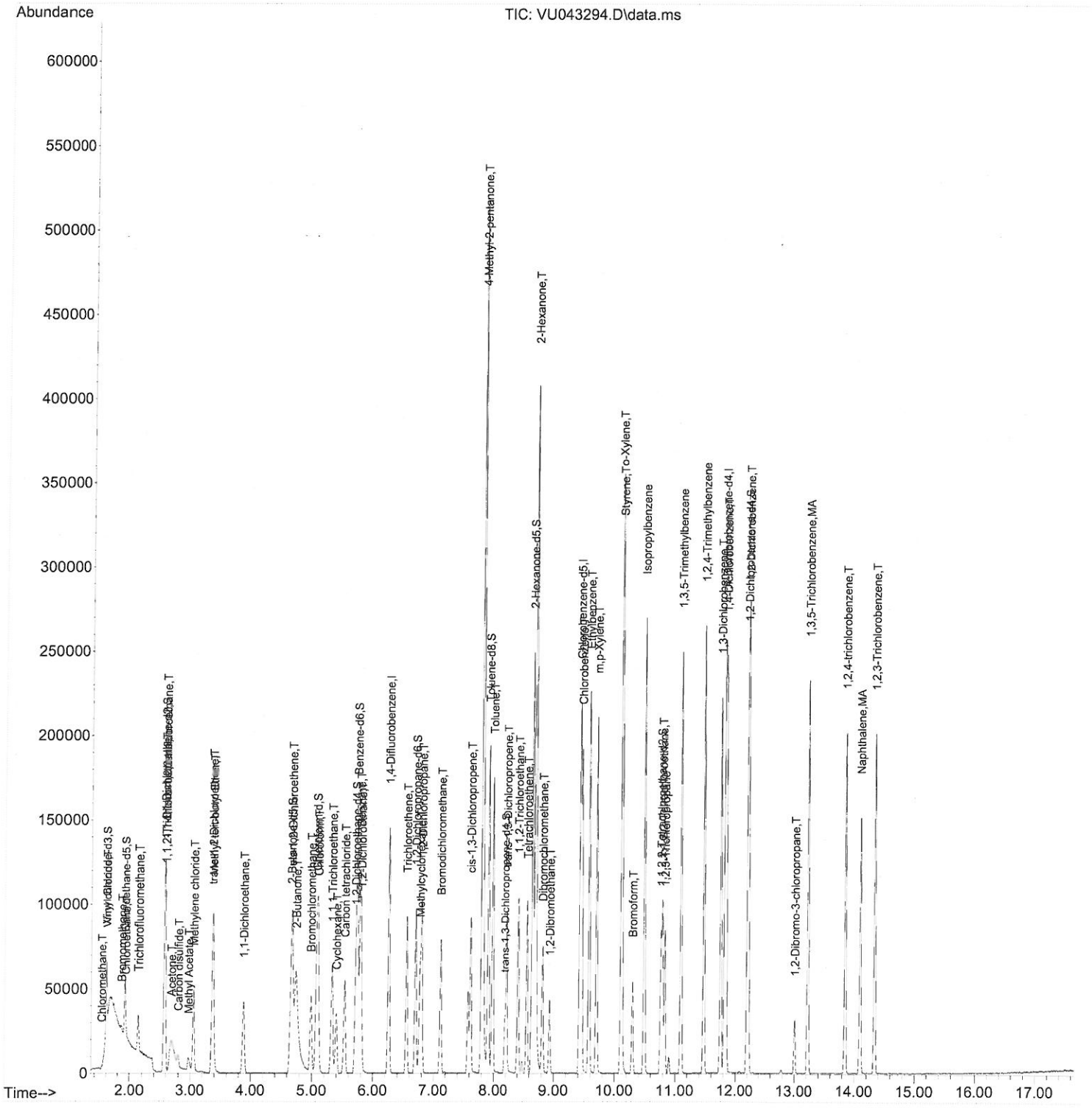
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
Data File : VU043294.D
Acq On : 23 Apr 2021 16:22
Operator : SY/MD
Sample : M2124-14MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 24 06:32:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 24 06:31:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

Manual Integrations APPROVED
MMDadoda
4/26/2021 2:45:47 PM



Quantitation Report (Qedit)

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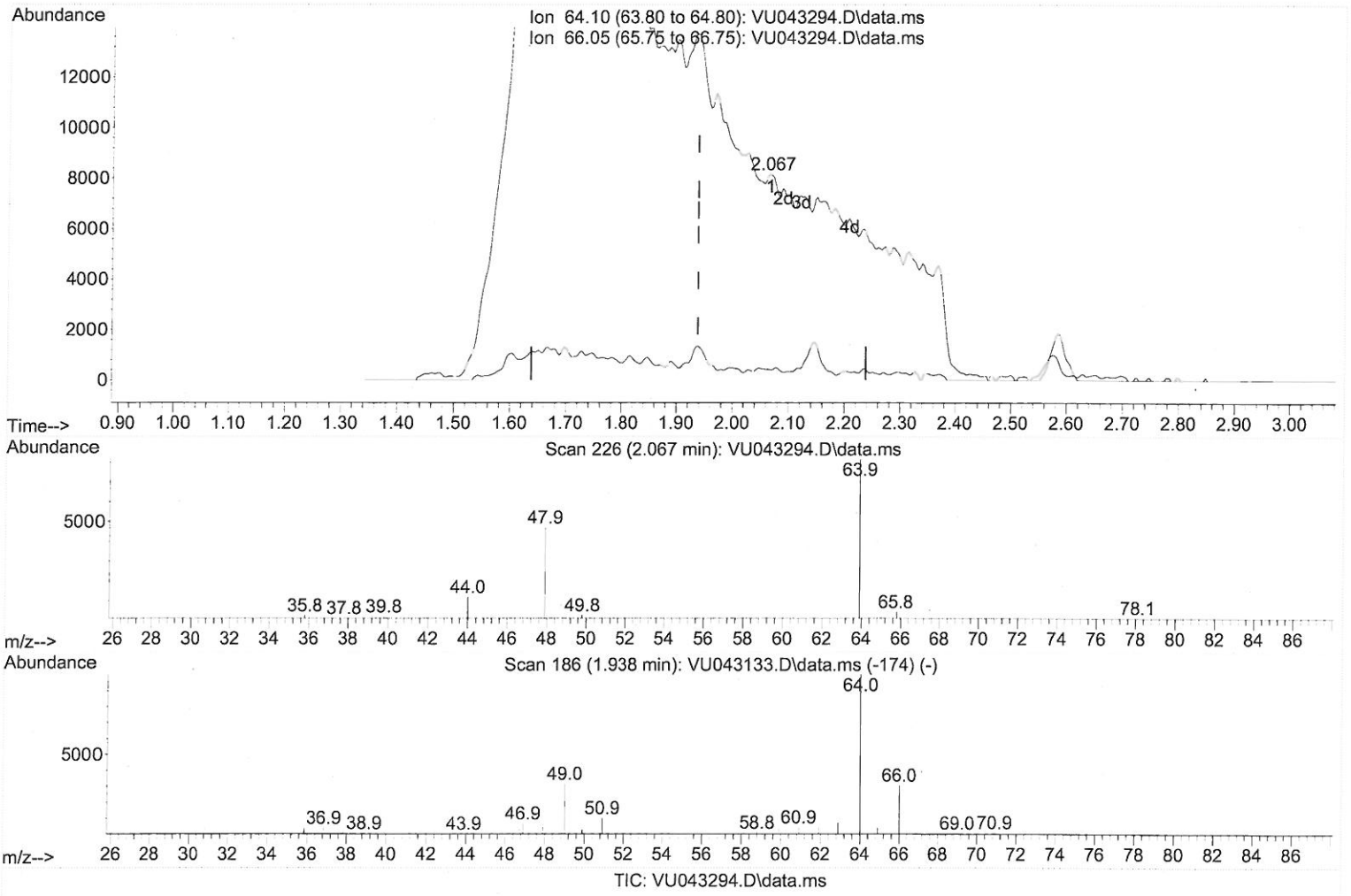
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 03 07:16:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 08:34:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

Manual Integrations APPROVED
MMDadoda
4/26/2021 2:45:47 PM



TIC: VU043294.D\data.ms

(8) Chloroethane (T)

2.067min (+ 0.129) 0.17 ug/L

response 878

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.00	5.12#
0.00	0.00	0.00
0.00	0.00	0.00

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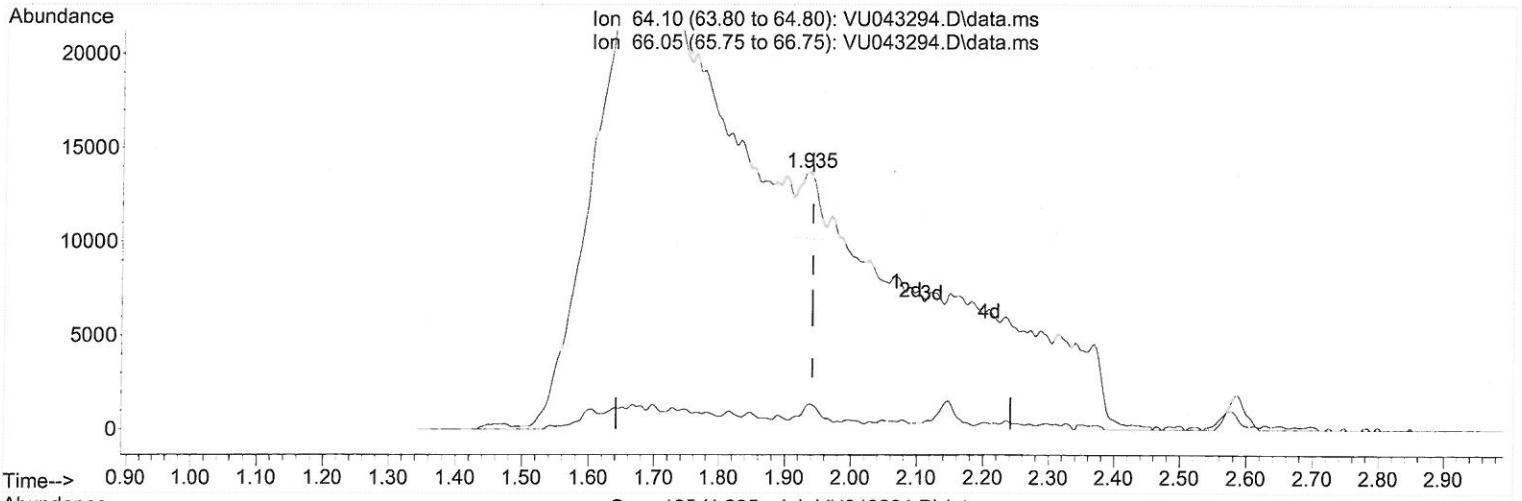
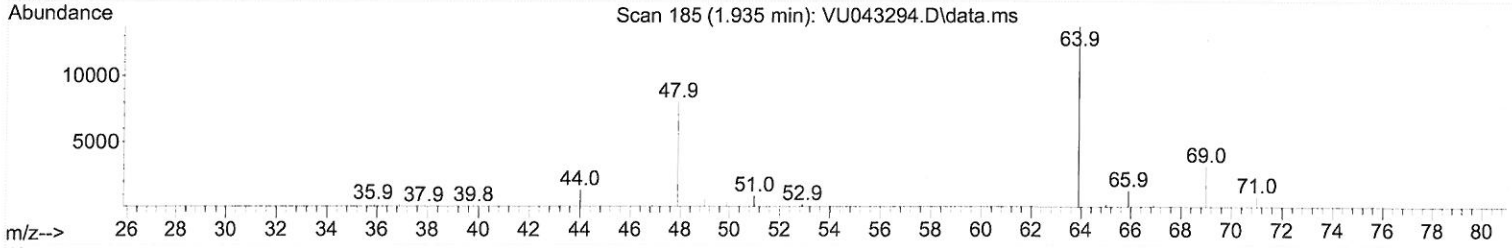
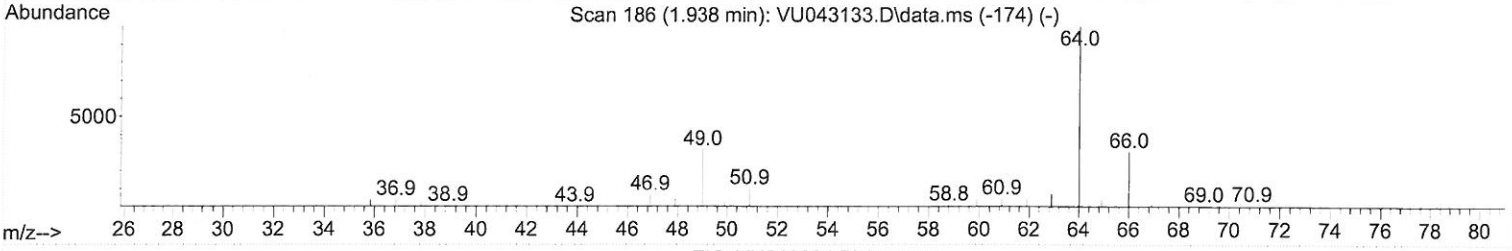
MMDadoda
4/26/2021 2:45:47 PM







TIC: VU043294.D\data.ms

(8) Chloroethane (T)

1.935min (-0.006) 1.41 ug/L m

response 7266

7 MD 5/6/21

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.00	9.62#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : MSVOA_U
ClientSampleId : H4511MSD

Manual Integrations APPROVED
MMDadoda
4/26/2021 2:45:47 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	108767	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	106898	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58029	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25885	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.919	69	23027	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.575	65	17000	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.20%			
20) 2-Butanone-d5	4.665	46	129826	53.52	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.04%			
24) Chloroform-d	5.073	84	71776	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.710	65	43322	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	5.735	84	121620	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.700	67	42814	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.80%			
41) Toluene-d8	7.906	98	114993	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloroprop...	8.186	79	16631	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.645	63	82011	45.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.22%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36798	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	44229	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	765	0.11	ug/L	93
5) Vinyl chloride	1.607	62	1320	0.18	ug/L #	1
6) Bromomethane	1.864	94	1567	0.37	ug/L	91
8) Chloroethane	1.935	64	7266m	1.41	ug/L	
9) Trichlorofluoromethane	2.144	101	12903	0.97	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	14136	1.97	ug/L	95
12) 1,1-Dichloroethene	2.584	96	9157	1.51	ug/L #	1
13) Acetone	2.687	43	82643	46.36	ug/L	99
14) Carbon disulfide	2.800	76	6838	0.44	ug/L	95
15) Methyl Acetate	2.970	43	16512	4.93	ug/L #	78
16) Methylene chloride	3.054	84	20217	2.58	ug/L #	77
17) Methyl tert-butyl Ether	3.375	73	71429	3.61	ug/L #	90
18) trans-1,2-Dichloroethene	3.363	96	13290	2.06	ug/L	85
19) 1,1-Dichloroethane	3.880	63	47606	3.39	ug/L	97
21) 2-Butanone	4.742	43	146263	49.72	ug/L	81
22) cis-1,2-Dichloroethene	4.674	96	27509	3.60	ug/L	85
23) Bromochloromethane	4.983	128	13061	3.75	ug/L #	79
25) Chloroform	5.099	83	59835	4.00	ug/L	97
27) 1,2-Dichloroethane	5.803	62	45242	4.12	ug/L	96

DMD 5/6/21

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QLast Update : Sat Apr 24 06:31:00 2021
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Instrument : MSVOA_U
ClientSampleId : H4511MSD

Manual Integrations APPROVED
MMDadoda
4/26/2021 2:45:47 PM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	45782	3.47 ug/L	95
30) Cyclohexane	5.398	56	15649	1.38 ug/L	86
31) Carbon tetrachloride	5.536	117	34913	3.17 ug/L	98
33) Benzene	5.784	78	89794	3.14 ug/L	100
34) Trichloroethene	6.549	95	30241	3.84 ug/L	93
35) Methylcyclohexane	6.771	83	18581	1.71 ug/L #	87
37) 1,2-Dichloropropane	6.800	63	33945	4.22 ug/L	98
38) Bromodichloromethane	7.115	83	50202	4.65 ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	48521	4.13 ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	390395	54.22 ug/L #	83
42) Toluene	7.977	91	118429	3.71 ug/L	93
44) trans-1,3-Dichloropropene	8.218	75	48390	4.37 ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	29313	4.88 ug/L	96
47) Tetrachloroethene	8.562	164	21209	3.40 ug/L	91
48) 2-Hexanone	8.697	43	307219	57.99 ug/L #	82
49) Dibromochloromethane	8.816	129	37334	4.92 ug/L	97
50) 1,2-Dibromoethane	8.931	107	26906	4.50 ug/L #	97
51) Chlorobenzene	9.452	112	89139	4.38 ug/L	93
52) Ethylbenzene	9.578	91	147059	4.02 ug/L	99
53) m,p-Xylene	9.700	106	53522	4.00 ug/L	85
54) o-Xylene	10.108	106	55664	4.20 ug/L	93
55) Styrene	10.121	104	100027	4.40 ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	44365	5.61 ug/L	97
59) Bromoform	10.298	173	23327	4.92 ug/L	99
60) Isopropylbenzene	10.491	105	156776	4.21 ug/L	97
61) 1,2,3-Trichloropropane	10.829	75	32246	5.38 ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	128953	4.23 ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	133466	4.26 ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	83097	4.70 ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	85733	4.78 ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	83442	4.86 ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	7516	5.15 ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	69111	4.77 ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	57923	4.82 ug/L	99
71) Naphthalene	14.092	128	113204	5.59 ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	58209	5.29 ug/L	100

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