

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081621\
 Data File : VX023751.D
 Acq On : 16 Aug 2021 20:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 1:20:28 PM

Quant Time: Aug 17 06:20:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	190247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	305835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	292078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126639	53.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.720%	
35) Dibromofluoromethane	5.397	113	98460	51.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.980%	
50) Toluene-d8	8.653	98	362151	51.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	11.085	95	136089	56.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	79667	45.517	ug/l	97
3) Chloromethane	1.295	50	96352	47.257	ug/l	96
4) Vinyl Chloride	1.374	62	96500	46.756	ug/l	100
5) Bromomethane	1.599	94	60041	49.001	ug/l	97
6) Chloroethane	1.673	64	65916	52.039	ug/l	98
7) Trichlorofluoromethane	1.880	101	169053	50.841	ug/l	96
8) Diethyl Ether	2.142	74	62520	50.941	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	96394	51.169	ug/l	98
10) Methyl Iodide	2.453	142	128785	54.565	ug/l	94
11) Tert butyl alcohol	2.989	59	130993	241.627	ug/l	98
12) 1,1-Dichloroethene	2.319	96	90924	48.640	ug/l	99
13) Acrolein	2.246	56	61387	222.889	ug/l	95
14) Allyl chloride	2.666	41	168785	49.664	ug/l	92
15) Acrylonitrile	3.075	53	323083	263.913	ug/l	97
16) Acetone	2.392	43	292852	251.561	ug/l	90
17) Carbon Disulfide	2.508	76	177346	38.475	ug/l	99
18) Methyl Acetate	2.715	43	156925	56.705	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	350457	53.919	ug/l	99
20) Methylene Chloride	2.794	84	109854	48.513	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	95473	48.078	ug/l	97
22) Diisopropyl ether	3.776	45	363897	54.242	ug/l	93
23) Vinyl Acetate	3.733	43	1593376	269.049	ug/l	94
24) 1,1-Dichloroethane	3.617	63	196329	53.243	ug/l	98
25) 2-Butanone	4.568	43	478811	264.933	ug/l	91
26) 2,2-Dichloropropane	4.483	77	137510	45.596	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	121204	52.556	ug/l	98
28) Bromochloromethane	4.904	49	90294	52.470	ug/l	93
29) Tetrahydrofuran	5.019	42	308832	260.698	ug/l	89
30) Chloroform	5.105	83	208214	55.169	ug/l	98
31) Cyclohexane	5.477	56	164583	46.816	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	177954	55.171	ug/l	98
36) 1,1-Dichloropropene	5.702	75	142137	51.376	ug/l	99
37) Ethyl Acetate	4.727	43	180010	51.605	ug/l	94
38) Carbon Tetrachloride	5.684	117	152600	54.237	ug/l	99
39) Methylcyclohexane	7.385	83	169509	48.515	ug/l	97
40) Benzene	6.050	78	431174	52.564	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	99179	53.848	ug/l	92
42) 1,2-Dichloroethane	6.099	62	173839	57.316	ug/l	95
43) Isopropyl Acetate	6.348	43	296919	54.931	ug/l	93
44) Trichloroethene	7.129	130	116535	51.713	ug/l	100
45) 1,2-Dichloropropane	7.440	63	116319	53.588	ug/l	97
46) Dibromomethane	7.586	93	81590	55.415	ug/l	97
47) Bromodichloromethane	7.830	83	154936	58.409	ug/l	98
48) Methyl methacrylate	7.702	41	147101	58.762	ug/l	86
49) 1,4-Dioxane	7.671	88	53939	1011.879	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	984431	297.761	ug/l	89
52) Toluene	8.720	92	283715	55.828	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	172455	51.214	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	181744	54.961	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	125170	60.825	ug/l	98
56) Ethyl methacrylate	9.122	69	196193	59.476	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	203707	58.256	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	481902	275.774	ug/l	96
59) 2-Hexanone	9.433	43	732610	291.809	ug/l	87
60) Dibromochloromethane	9.525	129	123240	53.873	ug/l	99
61) 1,2-Dibromoethane	9.616	107	129454	58.962	ug/l	99
64) Tetrachloroethene	9.281	164	120770	51.954	ug/l	97
65) Chlorobenzene	10.086	112	318814	53.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	120256	52.304	ug/l	99
67) Ethyl Benzene	10.195	91	554305	53.462	ug/l	98
68) m/p-Xylenes	10.305	106	427936	107.320	ug/l	100
69) o-Xylene	10.647	106	211752	53.563	ug/l	100
70) Styrene	10.659	104	355824	56.808	ug/l	98
71) Bromoform	10.805	173	85345	47.584	ug/l #	99
73) Isopropylbenzene	10.964	105	564803	53.995	ug/l	99
74) N-amyl acetate	10.848	43	253619	53.146	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	175924	51.630	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	165262m	54.175	ug/l	
77) Bromobenzene	11.201	156	137035	54.308	ug/l	96
78) n-propylbenzene	11.305	91	646574	54.617	ug/l	100
79) 2-Chlorotoluene	11.366	91	388226	54.880	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	472536	55.471	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	53748	47.376	ug/l	89
82) 4-Chlorotoluene	11.457	91	445044	55.609	ug/l	99
83) tert-Butylbenzene	11.720	119	454373	54.377	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	467248	55.143	ug/l	99
85) sec-Butylbenzene	11.896	105	589273	54.389	ug/l	100
86) p-Isopropyltoluene	12.012	119	481498	55.033	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	245801	52.654	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	243949	51.501	ug/l	99
89) n-Butylbenzene	12.335	91	423494	53.470	ug/l	97
90) Hexachloroethane	12.543	117	76226	48.697	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	239903	53.075	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39247	47.584	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	149097	52.501	ug/l	99
94) Hexachlorobutadiene	13.725	225	62340	48.915	ug/l	99
95) Naphthalene	13.780	128	526390	53.911	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153018	53.358	ug/l	99

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

