

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023269.D
 Acq On : 14 Jul 2021 09:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:51:54 PM

Quant Time: Jul 15 04:24:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	284281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181391	47.475	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.960%		
35) Dibromofluoromethane	5.391	113	142115	50.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.800%		
50) Toluene-d8	8.653	98	512279	48.703	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.400%		
62) 4-Bromofluorobenzene	11.085	95	202023	49.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	130800	50.780	ug/l	98
3) Chloromethane	1.295	50	111155	43.615	ug/l	98
4) Vinyl Chloride	1.374	62	124694	46.188	ug/l	99
5) Bromomethane	1.599	94	56874	40.081	ug/l	96
6) Chloroethane	1.679	64	77661	43.992	ug/l	98
7) Trichlorofluoromethane	1.880	101	218130	46.492	ug/l	97
8) Diethyl Ether	2.136	74	81314	46.957	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	139355	50.755	ug/l	95
10) Methyl Iodide	2.453	142	162459	48.186	ug/l	93
11) Tert butyl alcohol	2.977	59	169004	210.261	ug/l	97
12) 1,1-Dichloroethene	2.319	96	123227	48.627	ug/l	97
13) Acrolein	2.240	56	105056	196.278	ug/l	98
14) Allyl chloride	2.666	41	219282	49.797	ug/l	94
15) Acrylonitrile	3.069	53	365988	234.169	ug/l	98
16) Acetone	2.386	43	380925	252.002	ug/l	91
17) Carbon Disulfide	2.514	76	234193	43.819	ug/l	99
18) Methyl Acetate	2.709	43	175118	47.725	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	486648	51.347	ug/l	98
20) Methylene Chloride	2.794	84	141955	43.618	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	131667	48.109	ug/l	98
22) Diisopropyl ether	3.770	45	445281	47.964	ug/l	96
23) Vinyl Acetate	3.727	43	1901075	241.951	ug/l	97
24) 1,1-Dichloroethane	3.611	63	258190	49.222	ug/l	98
25) 2-Butanone	4.562	43	559004	245.241	ug/l	97
26) 2,2-Dichloropropane	4.483	77	244922	55.631	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	163048	49.186	ug/l	97
28) Bromochloromethane	4.898	49	113287	45.523	ug/l	97
29) Tetrahydrofuran	5.013	42	326500	222.830	ug/l	94
30) Chloroform	5.099	83	280568	49.515	ug/l	100
31) Cyclohexane	5.471	56	207497	45.358	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	257024	52.082	ug/l	99
36) 1,1-Dichloropropene	5.696	75	190624	48.969	ug/l	99
37) Ethyl Acetate	4.721	43	201217	47.384	ug/l	96
38) Carbon Tetrachloride	5.684	117	223198	54.931	ug/l	99
39) Methylcyclohexane	7.385	83	231883	50.932	ug/l	97
40) Benzene	6.044	78	557024	49.286	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	114029	48.034	ug/l	94
42) 1,2-Dichloroethane	6.092	62	226624	49.902	ug/l	96
43) Isopropyl Acetate	6.349	43	336873	47.693	ug/l	96
44) Trichloroethene	7.129	130	165244	51.540	ug/l	99
45) 1,2-Dichloropropane	7.434	63	147625	50.037	ug/l	97
46) Dibromomethane	7.580	93	105341	49.995	ug/l	99
47) Bromodichloromethane	7.824	83	208486	54.195	ug/l	98
48) Methyl methacrylate	7.696	41	164892	47.576	ug/l	90
49) 1,4-Dioxane	7.665	88	73185	938.226	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1021592	233.406	ug/l	94
52) Toluene	8.720	92	367505	50.245	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	235291	48.470	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	246316	48.705	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	156283	50.882	ug/l	99
56) Ethyl methacrylate	9.116	69	238836	50.321	ug/l	90
57) 1,3-Dichloropropane	9.311	76	252841	49.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	607814	235.581	ug/l	99
59) 2-Hexanone	9.433	43	815485	242.829	ug/l	92
60) Dibromochloromethane	9.525	129	164865	48.191	ug/l	100
61) 1,2-Dibromoethane	9.610	107	163571	51.888	ug/l	99
64) Tetrachloroethene	9.275	164	170186	53.794	ug/l	95
65) Chlorobenzene	10.080	112	406478	51.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	159996	56.436	ug/l	99
67) Ethyl Benzene	10.195	91	721603	52.060	ug/l	98
68) m/p-Xylenes	10.305	106	570705	107.845	ug/l	99
69) o-Xylene	10.647	106	276827	51.905	ug/l	100
70) Styrene	10.659	104	470643	54.023	ug/l	98
71) Bromoform	10.805	173	117772	48.963	ug/l	100
73) Isopropylbenzene	10.964	105	745987	52.419	ug/l	99
74) N-amyl acetate	10.848	43	287988	47.689	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	215836	47.736	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	211756m	52.091	ug/l	
77) Bromobenzene	11.201	156	183811	51.732	ug/l	95
78) n-propylbenzene	11.305	91	857249	52.093	ug/l	98
79) 2-Chlorotoluene	11.366	91	521304	51.256	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	644304	52.582	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	75013	51.382	ug/l	95
82) 4-Chlorotoluene	11.457	91	599965	52.237	ug/l	100
83) tert-Butylbenzene	11.720	119	622280	53.505	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	638438	52.724	ug/l	100
85) sec-Butylbenzene	11.890	105	812568	54.298	ug/l	100
86) p-Isopropyltoluene	12.012	119	686145	54.657	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	349760	52.421	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	350784	52.214	ug/l	99
89) n-Butylbenzene	12.335	91	592530	53.882	ug/l	98
90) Hexachloroethane	12.543	117	110405	51.328	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	342913	51.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53171	48.044	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	228422	55.868	ug/l	98
94) Hexachlorobutadiene	13.725	225	100992	58.339	ug/l	99
95) Naphthalene	13.780	128	742041	49.223	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	230986	56.173	ug/l	98

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

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