

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020827.D
 Acq On : 03 Feb 2021 09:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:32:22 AM

Quant Time: Feb 04 02:17:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	301202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	454828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	444289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	231375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	190584	46.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.78%			
35) Dibromofluoromethane	5.458	113	161076	51.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.40%			
50) Toluene-d8	8.689	98	584560	51.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.36%			
62) 4-Bromofluorobenzene	11.122	95	230328	51.93	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.86%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	232687	48.89	ug/l	100
3) Chloromethane	1.312	50	199295	47.04	ug/l	99
4) Vinyl Chloride	1.392	62	197393	46.73	ug/l	99
5) Bromomethane	1.623	94	92035	45.35	ug/l	99
6) Chloroethane	1.703	64	118264	49.46	ug/l	99
7) Trichlorofluoromethane	1.910	101	297752	51.96	ug/l	100
8) Diethyl Ether	2.166	74	100267	48.76	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	149241	51.02	ug/l	99
10) Methyl Iodide	2.489	142	202179	49.28	ug/l	94
11) Tert butyl alcohol	3.019	59	163874	213.67	ug/l	98
12) 1,1-Dichloroethene	2.355	96	144366	49.91	ug/l	98
13) Acrolein	2.269	56	164938	285.14	ug/l	100
14) Allyl chloride	2.702	41	246152	45.69	ug/l	96
15) Acrylonitrile	3.111	53	447961	230.76	ug/l	100
16) Acetone	2.416	43	450594	289.27	ug/l	98
17) Carbon Disulfide	2.544	76	430401	46.23	ug/l	100
18) Methyl Acetate	2.745	43	192152	48.28	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	538675	49.78	ug/l	98
20) Methylene Chloride	2.830	84	185295	47.14	ug/l	99
21) trans-1,2-Dichloroethene	3.135	96	174515	48.30	ug/l	99
22) Diisopropyl ether	3.824	45	507759	47.96	ug/l	93
23) Vinyl Acetate	3.781	43	2093797	240.36	ug/l	100
24) 1,1-Dichloroethane	3.666	63	308420	48.19	ug/l	100
25) 2-Butanone	4.629	43	615748	252.38	ug/l	99
26) 2,2-Dichloropropane	4.543	77	268013	52.18	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	193390	48.80	ug/l	98
28) Bromochloromethane	4.970	49	120414	43.89	ug/l	99
29) Tetrahydrofuran	5.086	42	357461	227.49	ug/l	99
30) Chloroform	5.171	83	324709	49.35	ug/l	98
31) Cyclohexane	5.543	56	257311	46.58	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	295310	50.99	ug/l	98
36) 1,1-Dichloropropene	5.763	75	235211	51.53	ug/l	99
37) Ethyl Acetate	4.787	43	211061	48.77	ug/l	100
38) Carbon Tetrachloride	5.751	117	269467	56.14	ug/l	99
39) Methylcyclohexane	7.439	83	270743	52.04	ug/l	98
40) Benzene	6.104	78	699942	52.06	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	118097	48.75	ug/l	99
42) 1,2-Dichloroethane	6.153	62	249802	52.10	ug/l	100
43) Isopropyl Acetate	6.403	43	334409	48.47	ug/l	100
44) Trichloroethene	7.183	130	190076	53.14	ug/l	100
45) 1,2-Dichloropropane	7.482	63	179552	51.24	ug/l	99
46) Dibromomethane	7.634	93	123075	52.33	ug/l	98
47) Bromodichloromethane	7.872	83	265529	53.44	ug/l	99
48) Methyl methacrylate	7.744	41	173828	49.87	ug/l	98
49) 1,4-Dioxane	7.708	88	81033	991.11	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1113076	255.64	ug/l	100
52) Toluene	8.762	92	452886	53.58	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	280631	53.67	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	303640	53.85	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	189091	53.87	ug/l	97
56) Ethyl methacrylate	9.158	69	260882	46.64	ug/l	98
57) 1,3-Dichloropropane	9.347	76	310204	52.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	662501	272.79	ug/l	99
59) 2-Hexanone	9.469	43	885697	273.24	ug/l	100
60) Dibromochloromethane	9.561	129	217880	56.15	ug/l	99
61) 1,2-Dibromoethane	9.652	107	194118	53.44	ug/l	99
64) Tetrachloroethene	9.311	164	194050	56.97	ug/l	96
65) Chlorobenzene	10.122	112	486460	50.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	194939	54.63	ug/l	98
67) Ethyl Benzene	10.231	91	883995	53.04	ug/l	99
68) m/p-Xylenes	10.341	106	668445	107.55	ug/l	98
69) o-Xylene	10.683	106	315788	54.02	ug/l	99
70) Styrene	10.695	104	559989	55.79	ug/l	100
71) Bromoform	10.835	173	157118	54.85	ug/l #	98
73) Isopropylbenzene	11.000	105	880254	52.64	ug/l	99
74) N-amyl acetate	10.878	43	296704	42.47	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	266877	47.37	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	263964m	49.19	ug/l	
77) Bromobenzene	11.237	156	221457	52.32	ug/l	96
78) n-propylbenzene	11.341	91	1020827	52.87	ug/l	99
79) 2-Chlorotoluene	11.402	91	611303	51.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.487	105	767674	53.70	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.054	75	96202	50.24	ug/l	98
82) 4-Chlorotoluene	11.493	91	730160	52.31	ug/l	99
83) tert-Butylbenzene	11.756	119	714544	51.77	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	781844	54.23	ug/l	99
85) sec-Butylbenzene	11.926	105	857057	53.72	ug/l	100
86) p-Isopropyltoluene	12.048	119	816648	55.15	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	396764	51.44	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	395600	49.39	ug/l	98
89) n-Butylbenzene	12.371	91	696163	52.49	ug/l	99
90) Hexachloroethane	12.579	117	139099	52.17	ug/l	98
91) 1,2-Dichlorobenzene	12.371	146	383790	51.64	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	59210	47.41	ug/l	94
93) 1,2,4-Trichlorobenzene	13.627	180	252472	52.38	ug/l	97
94) Hexachlorobutadiene	13.767	225	109697	48.30	ug/l	96
95) Naphthalene	13.816	128	815391	46.17	ug/l	99
96) 1,2,3-Trichlorobenzene	14.005	180	250641	53.40	ug/l	98

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

