

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020741.D
 Acq On : 26 Jan 2021 09:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 12:49:10 PM

Quant Time: Jan 26 14:37:08 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	5.617	168	334429	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.824	114	522722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	496973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	243153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	207593	45.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.02%		
35) Dibromofluoromethane	5.458	113	167984	46.92	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.84%		
50) Toluene-d8	8.696	98	623157	47.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.94%		
62) 4-Bromofluorobenzene	11.116	95	240535	47.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.36%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	255631	48.39	ug/l	100
3) Chloromethane	1.313	50	226837	48.22	ug/l	99
4) Vinyl Chloride	1.392	62	227386	48.48	ug/l	99
5) Bromomethane	1.624	94	99099	43.98	ug/l	98
6) Chloroethane	1.703	64	131613	49.57	ug/l	100
7) Trichlorofluoromethane	1.910	101	316122	49.68	ug/l	96
8) Diethyl Ether	2.166	74	115987	50.80	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	163891	50.46	ug/l	99
10) Methyl Iodide	2.489	142	212160	46.57	ug/l	92
11) Tert butyl alcohol	3.020	59	204344	239.96	ug/l	99
12) 1,1-Dichloroethene	2.349	96	157197	48.95	ug/l	94
13) Acrolein	2.270	56	160891	250.51	ug/l	100
14) Allyl chloride	2.703	41	285016	47.65	ug/l	95
15) Acrylonitrile	3.111	53	529880	245.84	ug/l	100
16) Acetone	2.416	43	444341	256.92	ug/l	97
17) Carbon Disulfide	2.544	76	478074	46.25	ug/l	100
18) Methyl Acetate	2.745	43	220634	49.93	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	619617	51.57	ug/l	99
20) Methylene Chloride	2.831	84	204555	46.87	ug/l	95
21) trans-1,2-Dichloroethene	3.136	96	189683	47.28	ug/l	99
22) Diisopropyl ether	3.818	45	588161	50.03	ug/l	98
23) Vinyl Acetate	3.782	43	2502001	258.68	ug/l	99
24) 1,1-Dichloroethane	3.666	63	344497	48.48	ug/l	100
25) 2-Butanone	4.629	43	682452	251.93	ug/l	100
26) 2,2-Dichloropropane	4.544	77	285333	50.04	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	214049	48.65	ug/l	99
28) Bromochloromethane	4.971	49	130253	42.76	ug/l	99
29) Tetrahydrofuran	5.086	42	429793	246.35	ug/l	97
30) Chloroform	5.172	83	355073	48.61	ug/l	99
31) Cyclohexane	5.544	56	298611	48.68	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	316722	49.26	ug/l	98
36) 1,1-Dichloropropene	5.763	75	262473	50.04	ug/l	98
37) Ethyl Acetate	4.788	43	256500	51.57	ug/l	98
38) Carbon Tetrachloride	5.745	117	280236	50.80	ug/l	99
39) Methylcyclohexane	7.434	83	315967	52.85	ug/l	97
40) Benzene	6.105	78	779399	50.44	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	141405	50.79	ug/l	98
42) 1,2-Dichloroethane	6.153	62	280973	50.99	ug/l	99
43) Isopropyl Acetate	6.403	43	409062	51.59	ug/l	99
44) Trichloroethene	7.184	130	206555	50.24	ug/l	98
45) 1,2-Dichloropropane	7.482	63	203104	50.44	ug/l	98
46) Dibromomethane	7.635	93	138014	51.06	ug/l	98
47) Bromodichloromethane	7.873	83	294154	51.51	ug/l	100
48) Methyl methacrylate	7.745	41	210671	52.59	ug/l	96
49) 1,4-Dioxane	7.708	88	96910	1031.35	ug/l	100
51) 4-Methyl-2-Pentanone	8.616	43	1324054	264.60	ug/l	98
52) Toluene	8.763	92	504399	51.92	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	318792	53.05	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	344020	53.09	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	206453	51.18	ug/l	100
56) Ethyl methacrylate	9.159	69	309868	48.11	ug/l	98
57) 1,3-Dichloropropane	9.348	76	350927	51.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	725640	259.98	ug/l	99
59) 2-Hexanone	9.470	43	970830	260.60	ug/l	100
60) Dibromochloromethane	9.561	129	237939	53.35	ug/l	100
61) 1,2-Dibromoethane	9.653	107	216786	51.93	ug/l	99
64) Tetrachloroethene	9.317	164	201202	52.81	ug/l	97
65) Chlorobenzene	10.116	112	540691	50.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	210408	52.72	ug/l	97
67) Ethyl Benzene	10.232	91	972337	52.16	ug/l	98
68) m/p-Xylenes	10.342	106	733645	105.53	ug/l	98
69) o-Xylene	10.683	106	350531	53.61	ug/l	98
70) Styrene	10.695	104	605874	53.96	ug/l	99
71) Bromoform	10.842	173	164942	51.48	ug/l #	97
73) Isopropylbenzene	11.000	105	962986	54.79	ug/l	99
74) N-amyl acetate	10.878	43	347847	47.15	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	297565	50.25	ug/l	100
76) 1,2,3-Trichloropropane	11.280	75	293260m	52.00	ug/l	
77) Bromobenzene	11.238	156	235315	52.90	ug/l	97
78) n-propylbenzene	11.341	91	1107987	54.61	ug/l	99
79) 2-Chlorotoluene	11.402	91	656043	52.94	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	830834	55.31	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	102867	51.12	ug/l	99
82) 4-Chlorotoluene	11.494	91	763514	52.05	ug/l	98
83) tert-Butylbenzene	11.750	119	772265	53.25	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	832059	54.92	ug/l	98
85) sec-Butylbenzene	11.927	105	924411	55.14	ug/l	100
86) p-Isopropyltoluene	12.049	119	852149	54.76	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	413764	51.05	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	406955	48.35	ug/l	97
89) n-Butylbenzene	12.372	91	753691	54.08	ug/l	99
90) Hexachloroethane	12.579	117	143659	51.28	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	402220	51.50	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	65652	50.02	ug/l	92
93) 1,2,4-Trichlorobenzene	13.628	180	267096	52.73	ug/l	97
94) Hexachlorobutadiene	13.762	225	125487	52.57	ug/l	99
95) Naphthalene	13.817	128	896088	48.15	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	275811	55.92	ug/l	97

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

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