

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021120\
 Data File : VX014914.D
 Acq On : 11 Feb 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:04:37 PM

Quant Time: Feb 12 06:18:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	685642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	647741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	258467	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	5.48	113	214240	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	811198	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	299268	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	233159	52.680	ug/l	99
3) Chloromethane	1.32	50	245172	48.860	ug/l	99
4) Vinyl Chloride	1.40	62	264208	48.878	ug/l	98
5) Bromomethane	1.64	94	163403	46.701	ug/l	97
6) Chloroethane	1.72	64	161983	46.833	ug/l	99
7) Trichlorofluoromethane	1.92	101	369110	48.874	ug/l	100
8) Diethyl Ether	2.18	74	145667	46.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215485	49.154	ug/l	98
10) Methyl Iodide	2.50	142	243794	49.895	ug/l	99
11) Tert butyl alcohol	3.02	59	212210	227.870	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209277	48.854	ug/l	97
13) Acrolein	2.28	56	149814	211.070	ug/l	100
14) Allyl chloride	2.72	41	357673	47.094	ug/l	99
15) Acrylonitrile	3.12	53	555865	235.450	ug/l	99
16) Acetone	2.43	43	465532	160.391	ug/l	100
17) Carbon Disulfide	2.56	76	569675	47.596	ug/l	100
18) Methyl Acetate	2.76	43	249622	46.991	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	685268	49.153	ug/l	98
20) Methylene Chloride	2.84	84	231156	45.558	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	223694	47.325	ug/l	99
22) Diisopropyl ether	3.84	45	709403	48.905	ug/l	95
23) Vinyl Acetate	3.80	43	2962011	247.705	ug/l	100
24) 1,1-Dichloroethane	3.69	63	394799	48.224	ug/l	99
25) 2-Butanone	4.65	43	749719	208.787	ug/l	100
26) 2,2-Dichloropropane	4.57	77	333353	47.249	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	256248	48.497	ug/l	98
28) Bromochloromethane	5.00	49	153624	48.412	ug/l	98
29) Tetrahydrofuran	5.11	42	483934	237.075	ug/l	99
30) Chloroform	5.19	83	395392	48.679	ug/l	98
31) Cyclohexane	5.57	56	358302	48.052	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	345278	48.596	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307596	50.152	ug/l	99
37) Ethyl Acetate	4.81	43	305120	47.698	ug/l	100
38) Carbon Tetrachloride	5.77	117	301944	50.517	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	383832	50.040	ug/l	98
40) Benzene	6.13	78	896061	48.898	ug/l	99
41) Methacrylonitrile	5.01	41	174409	50.610	ug/l	99
42) 1,2-Dichloroethane	6.18	62	319387	48.222	ug/l	100
43) Isopropyl Acetate	6.42	43	515657	48.866	ug/l	99
44) Trichloroethene	7.20	130	262414	49.328	ug/l	100
45) 1,2-Dichloropropane	7.50	63	230564	49.334	ug/l	100
46) Dibromomethane	7.65	93	156524	48.997	ug/l	98
47) Bromodichloromethane	7.89	83	313223	49.450	ug/l	99
48) Methyl methacrylate	7.76	41	255230	49.147	ug/l	99
49) 1,4-Dioxane	7.72	88	93356	961.466	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1546021	242.633	ug/l	100
52) Toluene	8.78	92	579004	49.747	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	347597	50.073	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	379521	49.489	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	229391	48.714	ug/l	99
56) Ethyl methacrylate	9.17	69	361832	51.121	ug/l	99
57) 1,3-Dichloropropane	9.36	76	386045	48.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	897639	242.498	ug/l	100
59) 2-Hexanone	9.48	43	1156882	230.990	ug/l	99
60) Dibromochloromethane	9.57	129	257365	50.787	ug/l	98
61) 1,2-Dibromoethane	9.67	107	244509	48.124	ug/l	100
64) Tetrachloroethene	9.33	164	299920	49.523	ug/l	99
65) Chlorobenzene	10.13	112	633590	48.226	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	235097	49.290	ug/l	100
67) Ethyl Benzene	10.25	91	1114365	49.874	ug/l	99
68) m/p-Xylenes	10.36	106	860501	99.972	ug/l	99
69) o-Xylene	10.69	106	409354	49.474	ug/l	100
70) Styrene	10.71	104	714734	51.061	ug/l	100
71) Bromoform	10.85	173	201026	50.494	ug/l	99
73) Isopropylbenzene	11.01	105	1106861	50.194	ug/l	99
74) N-amyl acetate	10.89	43	459758	50.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	333896	46.320	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	290759m	45.725	ug/l	
77) Bromobenzene	11.25	156	295593	48.026	ug/l	97
78) n-propylbenzene	11.35	91	1278626	50.132	ug/l	99
79) 2-Chlorotoluene	11.42	91	738732	49.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	923467	50.119	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	120417	48.473	ug/l	100
82) 4-Chlorotoluene	11.51	91	865485	48.742	ug/l	100
83) tert-Butylbenzene	11.76	119	870206	49.874	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	938793	50.558	ug/l	100
85) sec-Butylbenzene	11.94	105	1094516	50.495	ug/l	100
86) p-Isopropyltoluene	12.06	119	1032037	50.880	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	538452	48.765	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	537851	47.700	ug/l	100
89) n-Butylbenzene	12.38	91	930006	51.195	ug/l	100
90) Hexachloroethane	12.59	117	176982	49.963	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	520278	48.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72980	43.154	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	388924	48.662	ug/l	99
94) Hexachlorobutadiene	13.78	225	194725	50.372	ug/l	100
95) Naphthalene	13.83	128	1080060	50.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	384796	49.833	ug/l	100

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

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