

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
 Data File : VX006242.D
 Acq On : 03 Dec 2018 10:11
 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
 12/4/2018 9:58:38 AM

Quant Time: Dec 04 05:05:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	900566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1276177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1155647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	597187	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	434588	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	420234	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	1503502	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	557341	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	448063	50.813	ug/l	99
3) Chloromethane	1.33	50	418551	46.190	ug/l	98
4) Vinyl Chloride	1.41	62	467414	47.928	ug/l	99
5) Bromomethane	1.64	94	315194	46.635	ug/l	99
6) Chloroethane	1.72	64	287758	48.123	ug/l	99
7) Trichlorofluoromethane	1.93	101	706630	47.202	ug/l	98
8) Diethyl Ether	2.19	74	260721	46.017	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	409217	48.073	ug/l	99
10) Methyl Iodide	2.51	142	611014	47.629	ug/l	99
11) Tert butyl alcohol	3.07	59	514862	204.784	ug/l	99
12) 1,1-Dichloroethene	2.38	96	378754	46.479	ug/l	94
13) Acrolein	2.29	56	289427	210.622	ug/l	99
14) Allyl chloride	2.73	41	722256	44.868	ug/l	99
15) Acrylonitrile	3.15	53	1147102	218.643	ug/l	100
16) Acetone	2.45	43	894357	207.297	ug/l	99
17) Carbon Disulfide	2.57	76	1157069	46.080	ug/l	100
18) Methyl Acetate	2.78	43	641641	44.472	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1325455	45.595	ug/l	100
20) Methylene Chloride	2.86	84	406757	44.299	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	402844	46.389	ug/l	98
22) Diisopropyl ether	3.87	45	1176281	46.783	ug/l	96
23) Vinyl Acetate	3.82	43	5458761	254.546	ug/l	97
24) 1,1-Dichloroethane	3.70	63	721557	50.208	ug/l	98
25) 2-Butanone	4.70	43	1322698	214.864	ug/l	99
26) 2,2-Dichloropropane	4.59	77	647937	48.853	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	456286	47.105	ug/l	100
28) Bromochloromethane	5.02	49	297483	47.390	ug/l	98
29) Tetrahydrofuran	5.15	42	939251	219.533	ug/l	100
30) Chloroform	5.21	83	703593	46.588	ug/l	97
31) Cyclohexane	5.57	56	621831	46.820	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	673561	46.875	ug/l	100
36) 1,1-Dichloropropene	5.80	75	529556	49.276	ug/l	100
37) Ethyl Acetate	4.85	43	552953	45.946	ug/l	99
38) Carbon Tetrachloride	5.78	117	634634	50.198	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	712094	51.047	ug/l	99
40) Benzene	6.14	78	1585574	49.261	ug/l	99
41) Methacrylonitrile	5.06	41	307530	46.439	ug/l	99
42) 1,2-Dichloroethane	6.20	62	518089	49.181	ug/l	100
43) Isopropyl Acetate	6.46	43	945793	47.135	ug/l	100
44) Trichloroethene	7.21	130	488996	50.149	ug/l	99
45) 1,2-Dichloropropane	7.51	63	400879	49.004	ug/l	99
46) Dibromomethane	7.66	93	287895	48.729	ug/l	97
47) Bromodichloromethane	7.90	83	570661	49.877	ug/l	99
48) Methyl methacrylate	7.77	41	460693	47.194	ug/l	99
49) 1,4-Dioxane	7.75	88	217731	904.980	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2699877	231.132	ug/l	100
52) Toluene	8.79	92	1037920	49.014	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	656490	49.063	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	690897	49.726	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	428382	49.795	ug/l	99
56) Ethyl methacrylate	9.18	69	644648	47.933	ug/l	99
57) 1,3-Dichloropropane	9.37	76	667559	49.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1663180	243.699	ug/l	100
59) 2-Hexanone	9.49	43	2013840	225.655	ug/l	99
60) Dibromochloromethane	9.59	129	531590	50.111	ug/l	100
61) 1,2-Dibromoethane	9.67	107	462324	48.062	ug/l	100
64) Tetrachloroethene	9.34	164	446740	51.331	ug/l	98
65) Chlorobenzene	10.14	112	1211804	49.397	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	474040	49.734	ug/l	100
67) Ethyl Benzene	10.25	91	2003184	49.096	ug/l	100
68) m/p-Xylenes	10.36	106	1601628	97.996	ug/l	100
69) o-Xylene	10.70	106	779816	48.304	ug/l	99
70) Styrene	10.71	104	1271012	48.678	ug/l	99
71) Bromoform	10.86	173	449227	49.928	ug/l	98
73) Isopropylbenzene	11.02	105	2063681	50.039	ug/l	100
74) N-amyl acetate	10.90	43	824995	46.454	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	613894	46.529	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	591886m	51.349	ug/l	
77) Bromobenzene	11.26	156	561116	49.027	ug/l	100
78) n-propylbenzene	11.36	91	2329098	50.806	ug/l	100
79) 2-Chlorotoluene	11.42	91	1336511	49.051	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1710159	49.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	235439	47.933	ug/l #	81
82) 4-Chlorotoluene	11.51	91	1569780	49.552	ug/l	100
83) tert-Butylbenzene	11.77	119	1808795	49.405	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1748584	49.350	ug/l	100
85) sec-Butylbenzene	11.94	105	2123820	50.991	ug/l	100
86) p-Isopropyltoluene	12.07	119	1916774	51.107	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1010464	49.618	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1017526	49.227	ug/l	100
89) n-Butylbenzene	12.39	91	1689512	52.796	ug/l	99
90) Hexachloroethane	12.60	117	385731	50.463	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	974375	48.209	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	150574	44.520	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	756695	51.317	ug/l	100
94) Hexachlorobutadiene	13.78	225	369172	56.612	ug/l	99
95) Naphthalene	13.83	128	2208770	48.155	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	737718	50.511	ug/l	99

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

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