

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013786.D
 Acq On : 06 Dec 2019 09:29
 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

apatel
 12/9/2019 9:07:48 AM

Quant Time: Dec 07 02:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	636911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	938570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	856373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	336455	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
35) Dibromofluoromethane	5.48	113	284722	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1063552	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.13	95	398972	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	323143	45.582	ug/l	98
3) Chloromethane	1.32	50	342221	43.022	ug/l	100
4) Vinyl Chloride	1.40	62	407015	45.461	ug/l	100
5) Bromomethane	1.63	94	253935	42.234	ug/l	98
6) Chloroethane	1.71	64	218763	42.939	ug/l	97
7) Trichlorofluoromethane	1.92	101	445673	44.829	ug/l	100
8) Diethyl Ether	2.18	74	208507	46.359	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	279667	46.055	ug/l	98
10) Methyl Iodide	2.50	142	342865	46.676	ug/l	100
11) Tert butyl alcohol	3.03	59	356387	195.296	ug/l	99
12) 1,1-Dichloroethene	2.36	96	271098	44.726	ug/l	99
13) Acrolein	2.28	56	124912	105.898	ug/l	100
14) Allyl chloride	2.72	41	504050	45.824	ug/l	99
15) Acrylonitrile	3.13	53	854295	226.794	ug/l	99
16) Acetone	2.43	43	1035763	283.766	ug/l	99
17) Carbon Disulfide	2.56	76	724520	41.931	ug/l	100
18) Methyl Acetate	2.76	43	494471	48.649	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	971752	48.395	ug/l	99
20) Methylene Chloride	2.84	84	317374	45.259	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	295039	44.682	ug/l	98
22) Diisopropyl ether	3.84	45	1016229	47.980	ug/l	96
23) Vinyl Acetate	3.80	43	4238853	240.572	ug/l	100
24) 1,1-Dichloroethane	3.69	63	545431	47.107	ug/l	98
25) 2-Butanone	4.65	43	1352025	249.235	ug/l	99
26) 2,2-Dichloropropane	4.57	77	446520	46.611	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	345333	45.540	ug/l	99
28) Bromochloromethane	5.00	49	222394	48.604	ug/l	99
29) Tetrahydrofuran	5.11	42	762512	228.014	ug/l	99
30) Chloroform	5.20	83	533007	45.391	ug/l	98
31) Cyclohexane	5.56	56	483369	44.261	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	450401	45.900	ug/l	99
36) 1,1-Dichloropropene	5.79	75	398898	46.820	ug/l	99
37) Ethyl Acetate	4.81	43	467756	48.939	ug/l	99
38) Carbon Tetrachloride	5.77	117	390539	49.712	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	502032	47.670	ug/l	99
40) Benzene	6.13	78	1233829	47.549	ug/l	99
41) Methacrylonitrile	5.02	41	262909	50.156	ug/l	99
42) 1,2-Dichloroethane	6.18	62	439476	49.661	ug/l	99
43) Isopropyl Acetate	6.43	43	763448	48.518	ug/l	100
44) Trichloroethene	7.20	130	334071	46.910	ug/l	95
45) 1,2-Dichloropropane	7.50	63	325783	50.180	ug/l	98
46) Dibromomethane	7.65	93	212087	48.099	ug/l	97
47) Bromodichloromethane	7.89	83	429749	51.555	ug/l	97
48) Methyl methacrylate	7.76	41	389131	50.897	ug/l	100
49) 1,4-Dioxane	7.73	88	139500	815.144	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2406049	243.085	ug/l	100
52) Toluene	8.78	92	782177	48.521	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	485762	51.197	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	533066	51.424	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	329711	50.754	ug/l	99
56) Ethyl methacrylate	9.17	69	531945	50.932	ug/l	99
57) 1,3-Dichloropropane	9.36	76	545762	48.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	979149	239.113	ug/l	100
59) 2-Hexanone	9.48	43	1918683	248.544	ug/l	100
60) Dibromochloromethane	9.57	129	350564	51.999	ug/l	99
61) 1,2-Dibromoethane	9.67	107	343364	49.489	ug/l	99
64) Tetrachloroethene	9.33	164	301510	47.212	ug/l	97
65) Chlorobenzene	10.13	112	863549	48.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	321864	50.412	ug/l	99
67) Ethyl Benzene	10.25	91	1494543	48.916	ug/l	98
68) m/p-Xylenes	10.36	106	1149126	98.238	ug/l	99
69) o-Xylene	10.70	106	558827	48.984	ug/l	98
70) Styrene	10.71	104	968826	50.484	ug/l	100
71) Bromoform	10.85	173	279368	52.883	ug/l #	99
73) Isopropylbenzene	11.01	105	1483794	47.753	ug/l	100
74) N-amyl acetate	10.89	43	697226	48.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	518943	48.159	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	420895m	42.246	ug/l	
77) Bromobenzene	11.25	156	393387	46.864	ug/l	99
78) n-propylbenzene	11.35	91	1689375	48.704	ug/l	100
79) 2-Chlorotoluene	11.42	91	994788	47.810	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1249109	49.049	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	175997	48.328	ug/l	98
82) 4-Chlorotoluene	11.51	91	1156040	47.970	ug/l	100
83) tert-Butylbenzene	11.76	119	1267453	48.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1254631	48.543	ug/l	100
85) sec-Butylbenzene	11.94	105	1459116	49.357	ug/l	100
86) p-Isopropyltoluene	12.06	119	1351430	49.140	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	696599	47.606	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	704729	47.284	ug/l	99
89) n-Butylbenzene	12.39	91	1177740	50.210	ug/l	100
90) Hexachloroethane	12.59	117	245045	49.295	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	701903	48.549	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	111080	47.337	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	492752	48.904	ug/l	98
94) Hexachlorobutadiene	13.78	225	230160	47.551	ug/l	99
95) Naphthalene	13.83	128	1504692	50.146	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	493783	49.495	ug/l	99

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

