

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX110819\
 Data File : VX013352.D
 Acq On : 08 Nov 2019 09:57
 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
 11/11/2019 3:34:12 PM

Quant Time: Nov 11 03:16:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	747586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1121317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1016768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	524512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	418231	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	5.48	113	348228	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.71	98	1304134	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	474970	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	399580	46.389	ug/l	98
3) Chloromethane	1.31	50	426686	45.679	ug/l	100
4) Vinyl Chloride	1.40	62	488528	45.939	ug/l	99
5) Bromomethane	1.63	94	297056	40.084	ug/l	99
6) Chloroethane	1.71	64	268481	44.023	ug/l	99
7) Trichlorofluoromethane	1.92	101	537508	42.782	ug/l	98
8) Diethyl Ether	2.17	74	247092	44.474	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	337162	48.148	ug/l	99
10) Methyl Iodide	2.50	142	400223	46.162	ug/l	98
11) Tert butyl alcohol	3.03	59	420032	179.935	ug/l	100
12) 1,1-Dichloroethene	2.36	96	332692	48.515	ug/l	98
13) Acrolein	2.28	56	313967	248.164	ug/l	96
14) Allyl chloride	2.72	41	610377	48.988	ug/l	97
15) Acrylonitrile	3.12	53	1010954	231.844	ug/l	99
16) Acetone	2.43	43	1035949	234.505	ug/l	100
17) Carbon Disulfide	2.56	76	870376	47.421	ug/l	100
18) Methyl Acetate	2.76	43	568726	46.632	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1146533	50.128	ug/l	98
20) Methylene Chloride	2.84	84	377936	46.304	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	357232	47.844	ug/l	100
22) Diisopropyl ether	3.84	45	1216975	50.591	ug/l	99
23) Vinyl Acetate	3.79	43	5071293	246.373	ug/l	100
24) 1,1-Dichloroethane	3.69	63	652540	48.492	ug/l	99
25) 2-Butanone	4.65	43	1506560	232.470	ug/l	99
26) 2,2-Dichloropropane	4.56	77	540194	50.462	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	413914	49.487	ug/l	99
28) Bromochloromethane	5.00	49	190020	49.734	ug/l	99
29) Tetrahydrofuran	5.11	42	897035	224.615	ug/l	99
30) Chloroform	5.19	83	638653	48.064	ug/l	99
31) Cyclohexane	5.57	56	582450	48.102	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	540097	47.231	ug/l	99
36) 1,1-Dichloropropene	5.79	75	480127	49.912	ug/l	99
37) Ethyl Acetate	4.81	43	543804	45.750	ug/l	99
38) Carbon Tetrachloride	5.78	117	471020	50.073	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	604758	50.455	ug/l	99
40) Benzene	6.13	78	1468677	49.014	ug/l	99
41) Methacrylonitrile	5.02	41	313190	47.009	ug/l	98
42) 1,2-Dichloroethane	6.18	62	520371	48.145	ug/l	98
43) Isopropyl Acetate	6.43	43	912221	49.284	ug/l	100
44) Trichloroethene	7.20	130	399290	48.409	ug/l	99
45) 1,2-Dichloropropane	7.50	63	388333	50.864	ug/l	98
46) Dibromomethane	7.65	93	253608	48.650	ug/l	97
47) Bromodichloromethane	7.89	83	508585	51.739	ug/l	95
48) Methyl methacrylate	7.76	41	460003	49.787	ug/l	98
49) 1,4-Dioxane	7.73	88	179023	846.069	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2817246	231.991	ug/l	99
52) Toluene	8.78	92	931486	50.156	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	571732	53.190	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	638961	53.141	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	390116	50.679	ug/l	98
56) Ethyl methacrylate	9.17	69	626967	47.780	ug/l	97
57) 1,3-Dichloropropane	9.36	76	647172	49.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1356856	257.792	ug/l	100
59) 2-Hexanone	9.48	43	2284439	243.429	ug/l	99
60) Dibromochloromethane	9.57	129	416271	52.875	ug/l	98
61) 1,2-Dibromoethane	9.67	107	407246	49.821	ug/l	100
64) Tetrachloroethene	9.33	164	359689	49.416	ug/l	97
65) Chlorobenzene	10.13	112	1020928	49.596	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	381756	50.508	ug/l	100
67) Ethyl Benzene	10.24	91	1775124	49.965	ug/l	98
68) m/p-Xylenes	10.35	106	1366868	101.731	ug/l	99
69) o-Xylene	10.70	106	661097	50.257	ug/l	100
70) Styrene	10.71	104	1147061	52.165	ug/l	99
71) Bromoform	10.85	173	321778	46.177	ug/l	98
73) Isopropylbenzene	11.01	105	1761436	50.651	ug/l	100
74) N-amyl acetate	10.89	43	822954	51.031	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	611386	48.191	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	490099m	46.003	ug/l	
77) Bromobenzene	11.25	156	469713	50.666	ug/l	97
78) n-propylbenzene	11.35	91	2034333	52.515	ug/l	99
79) 2-Chlorotoluene	11.42	91	1183310	50.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1495564	51.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	210229	50.793	ug/l	96
82) 4-Chlorotoluene	11.51	91	1385275	50.703	ug/l	99
83) tert-Butylbenzene	11.76	119	1522557	52.216	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1506042	51.830	ug/l	99
85) sec-Butylbenzene	11.94	105	1735480	51.786	ug/l	99
86) p-Isopropyltoluene	12.06	119	1626020	52.692	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	828604	50.141	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	835948	49.650	ug/l	99
89) n-Butylbenzene	12.38	91	1420798	52.766	ug/l	99
90) Hexachloroethane	12.59	117	289944	52.735	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	827531	50.097	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	130824	42.326	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	590496	51.247	ug/l	100
94) Hexachlorobutadiene	13.78	225	279843	49.642	ug/l	99
95) Naphthalene	13.83	128	1806672	49.975	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	587830	50.870	ug/l	100

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

