

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011720\
 Data File : VX014644.D
 Acq On : 17 Jan 2020 10:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:19:41 AM

Quant Time: Jan 18 05:27:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	450026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	667622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	261738	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.48	113	214935	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	8.71	98	829029	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.13	95	300459	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	273073	48.880	ug/l	100
3) Chloromethane	1.32	50	280997	48.984	ug/l	99
4) Vinyl Chloride	1.40	62	321331	50.269	ug/l	98
5) Bromomethane	1.63	94	199985	47.198	ug/l	99
6) Chloroethane	1.72	64	175844	50.496	ug/l	100
7) Trichlorofluoromethane	1.92	101	352880	48.665	ug/l	100
8) Diethyl Ether	2.18	74	158145	47.805	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	216802	49.145	ug/l	99
10) Methyl Iodide	2.50	142	294789	55.806	ug/l	100
11) Tert butyl alcohol	3.03	59	252043	240.278	ug/l	99
12) 1,1-Dichloroethene	2.37	96	208820	46.982	ug/l	99
13) Acrolein	2.28	56	166176	197.647	ug/l	97
14) Allyl chloride	2.72	41	390662	50.063	ug/l	99
15) Acrylonitrile	3.13	53	663436	262.051	ug/l	99
16) Acetone	2.43	43	535265	211.858	ug/l	98
17) Carbon Disulfide	2.56	76	551559	44.474	ug/l	99
18) Methyl Acetate	2.76	43	407530	56.440	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	745120	52.223	ug/l	98
20) Methylene Chloride	2.85	84	247012	48.875	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	226703	46.720	ug/l	96
22) Diisopropyl ether	3.84	45	806208	53.461	ug/l	94
23) Vinyl Acetate	3.80	43	3002383	257.153	ug/l	100
24) 1,1-Dichloroethane	3.69	63	419319	51.114	ug/l	99
25) 2-Butanone	4.65	43	915784	244.035	ug/l	99
26) 2,2-Dichloropropane	4.57	77	338815	48.754	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	263414	48.561	ug/l	97
28) Bromochloromethane	5.00	49	178065	51.512	ug/l	96
29) Tetrahydrofuran	5.11	42	593796	267.630	ug/l	98
30) Chloroform	5.20	83	411084	51.280	ug/l	98
31) Cyclohexane	5.57	56	393250	51.213	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	351088	51.165	ug/l	99
36) 1,1-Dichloropropene	5.79	75	311402	49.599	ug/l	99
37) Ethyl Acetate	4.81	43	358188	52.523	ug/l	99
38) Carbon Tetrachloride	5.77	117	298922	51.738	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	401640	50.919	ug/l	98
40) Benzene	6.13	78	955706	51.288	ug/l	99
41) Methacrylonitrile	5.03	41	198418	54.560	ug/l	99
42) 1,2-Dichloroethane	6.18	62	335688	51.523	ug/l	99
43) Isopropyl Acetate	6.43	43	601712	54.619	ug/l	98
44) Trichloroethene	7.20	130	269266	50.283	ug/l	99
45) 1,2-Dichloropropane	7.50	63	258570	54.427	ug/l	99
46) Dibromomethane	7.65	93	164570	49.631	ug/l	98
47) Bromodichloromethane	7.89	83	324780	53.829	ug/l	99
48) Methyl methacrylate	7.76	41	291169	55.184	ug/l	99
49) 1,4-Dioxane	7.73	88	105399	942.739	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1862047	277.371	ug/l	99
52) Toluene	8.78	92	602755	50.531	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	368205	52.418	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	407746	53.736	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	254091	53.033	ug/l	98
56) Ethyl methacrylate	9.17	69	405239	55.207	ug/l	99
57) 1,3-Dichloropropane	9.36	76	427067	53.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	692265	277.190	ug/l	99
59) 2-Hexanone	9.48	43	1449857	272.951	ug/l	100
60) Dibromochloromethane	9.57	129	262831	54.578	ug/l	99
61) 1,2-Dibromoethane	9.67	107	260024	51.234	ug/l	99
64) Tetrachloroethene	9.33	164	301014	49.157	ug/l	98
65) Chlorobenzene	10.14	112	658804	49.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	247228	52.246	ug/l	100
67) Ethyl Benzene	10.25	91	1160430	51.346	ug/l	98
68) m/p-Xylenes	10.36	106	893087	102.429	ug/l	99
69) o-Xylene	10.70	106	426585	51.278	ug/l	99
70) Styrene	10.71	104	743954	51.820	ug/l	99
71) Bromoform	10.85	173	204408	52.797	ug/l	98
73) Isopropylbenzene	11.01	105	1140919	51.135	ug/l	99
74) N-amyl acetate	10.89	43	523530	53.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	367998	51.430	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	319401m	48.585	ug/l	
77) Bromobenzene	11.25	156	299366	48.382	ug/l	100
78) n-propylbenzene	11.35	91	1319974	51.657	ug/l	99
79) 2-Chlorotoluene	11.42	91	771981	50.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	954740	51.540	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	132149	53.145	ug/l #	92
82) 4-Chlorotoluene	11.51	91	893278	49.970	ug/l	98
83) tert-Butylbenzene	11.76	119	893807	51.066	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	972153	51.937	ug/l	99
85) sec-Butylbenzene	11.94	105	1127210	51.805	ug/l	99
86) p-Isopropyltoluene	12.06	119	1046653	51.837	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	534854	48.165	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	536333	51.426	ug/l	99
89) n-Butylbenzene	12.38	91	926616	50.193	ug/l	99
90) Hexachloroethane	12.59	117	186287	52.525	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	533891	49.072	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80967	50.305	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	377989	49.501	ug/l	98
94) Hexachlorobutadiene	13.78	225	186089	52.032	ug/l	99
95) Naphthalene	13.83	128	1124461	47.445	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	377878	50.427	ug/l	99

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

