

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012120\
 Data File : VX014673.D
 Acq On : 21 Jan 2020 09:35
 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
 1/22/2020 12:26:36 PM

Quant Time: Jan 22 04:29:39 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	442921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	649641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	594741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	255869	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	5.48	113	209992	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	8.71	98	804403	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.13	95	289196	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	267206	48.599	ug/l	99
3) Chloromethane	1.32	50	265585	47.040	ug/l	99
4) Vinyl Chloride	1.40	62	316382	50.289	ug/l	99
5) Bromomethane	1.63	94	191201	45.849	ug/l	99
6) Chloroethane	1.72	64	176003	51.375	ug/l	100
7) Trichlorofluoromethane	1.92	101	354730	49.705	ug/l	99
8) Diethyl Ether	2.18	74	153478	47.138	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	213893	49.263	ug/l	99
10) Methyl Iodide	2.50	142	278378	53.544	ug/l	99
11) Tert butyl alcohol	3.03	59	223942	216.913	ug/l	99
12) 1,1-Dichloroethene	2.36	96	204483	46.744	ug/l	97
13) Acrolein	2.28	56	194667	235.248	ug/l	98
14) Allyl chloride	2.72	41	378135	49.235	ug/l	98
15) Acrylonitrile	3.13	53	625722	251.119	ug/l	98
16) Acetone	2.43	43	698032	282.094	ug/l	100
17) Carbon Disulfide	2.56	76	531313	43.529	ug/l	99
18) Methyl Acetate	2.76	43	379502	53.401	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	706164	50.287	ug/l	100
20) Methylene Chloride	2.85	84	236643	47.575	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	222799	46.652	ug/l	98
22) Diisopropyl ether	3.84	45	784954	52.886	ug/l	94
23) Vinyl Acetate	3.80	43	3012184	262.131	ug/l	100
24) 1,1-Dichloroethane	3.69	63	413008	51.152	ug/l	98
25) 2-Butanone	4.65	43	974478	263.841	ug/l	100
26) 2,2-Dichloropropane	4.57	77	342098	50.016	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	257365	48.207	ug/l	98
28) Bromochloromethane	5.00	49	167488	49.229	ug/l	96
29) Tetrahydrofuran	5.11	42	552594	253.055	ug/l	98
30) Chloroform	5.20	83	408390	51.762	ug/l	97
31) Cyclohexane	5.57	56	380428	50.338	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	345510	51.160	ug/l	99
36) 1,1-Dichloropropene	5.79	75	309366	50.639	ug/l	99
37) Ethyl Acetate	4.81	43	339095	51.100	ug/l	98
38) Carbon Tetrachloride	5.77	117	298404	53.078	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	386002	50.291	ug/l	96
40) Benzene	6.13	78	933127	51.462	ug/l	99
41) Methacrylonitrile	5.03	41	188018	53.131	ug/l	98
42) 1,2-Dichloroethane	6.18	62	322243	50.829	ug/l	100
43) Isopropyl Acetate	6.43	43	552817	51.569	ug/l	99
44) Trichloroethene	7.20	130	260008	49.898	ug/l	99
45) 1,2-Dichloropropane	7.50	63	247743	53.591	ug/l	99
46) Dibromomethane	7.65	93	158153	49.016	ug/l	98
47) Bromodichloromethane	7.89	83	322105	54.863	ug/l	99
48) Methyl methacrylate	7.76	41	274606	53.485	ug/l	99
49) 1,4-Dioxane	7.73	88	98200	902.659	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1763794	270.007	ug/l	98
52) Toluene	8.78	92	591020	50.918	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	355712	52.041	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	392333	53.136	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	242243	51.959	ug/l	99
56) Ethyl methacrylate	9.17	69	377708	52.881	ug/l	97
57) 1,3-Dichloropropane	9.36	76	408595	52.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	651640	268.145	ug/l	98
59) 2-Hexanone	9.48	43	1410409	272.874	ug/l	99
60) Dibromochloromethane	9.57	129	258531	55.171	ug/l	99
61) 1,2-Dibromoethane	9.67	107	252949	51.219	ug/l	98
64) Tetrachloroethene	9.33	164	287164	48.177	ug/l	99
65) Chlorobenzene	10.14	112	636758	49.335	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	238838	51.853	ug/l	99
67) Ethyl Benzene	10.25	91	1129810	51.357	ug/l	99
68) m/p-Xylenes	10.36	106	874964	103.093	ug/l	99
69) o-Xylene	10.70	106	418625	51.696	ug/l	100
70) Styrene	10.71	104	721599	51.636	ug/l	99
71) Bromoform	10.85	173	195622	51.909	ug/l	# 98
73) Isopropylbenzene	11.01	105	1119198	52.222	ug/l	99
74) N-amyl acetate	10.89	43	482792	51.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	353603	51.448	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	307043m	48.624	ug/l	
77) Bromobenzene	11.25	156	289970	48.788	ug/l	99
78) n-propylbenzene	11.35	91	1304087	53.131	ug/l	99
79) 2-Chlorotoluene	11.42	91	754584	51.584	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	951458	53.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124879	52.284	ug/l	97
82) 4-Chlorotoluene	11.51	91	876464	51.043	ug/l	99
83) tert-Butylbenzene	11.76	119	882795	52.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	955299	53.133	ug/l	99
85) sec-Butylbenzene	11.94	105	1109885	53.104	ug/l	99
86) p-Isopropyltoluene	12.06	119	1019691	52.576	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	525906	49.304	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	525479	52.467	ug/l	99
89) n-Butylbenzene	12.39	91	913466	51.513	ug/l	99
90) Hexachloroethane	12.59	117	180396	52.953	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	520094	49.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	75058	48.549	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	361700	49.313	ug/l	99
94) Hexachlorobutadiene	13.78	225	182442	53.106	ug/l	99
95) Naphthalene	13.83	128	1038629	45.623	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364960	50.705	ug/l	100

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

