

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014757.D
 Acq On : 28 Jan 2020 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:23 AM

Quant Time: Jan 29 01:02:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	671847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	612665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	246378	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	205137	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	793398	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	283649	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	277471	47.086	ug/l	100
3) Chloromethane	1.32	50	280102	47.130	ug/l	99
4) Vinyl Chloride	1.40	62	325516	50.656	ug/l	99
5) Bromomethane	1.63	94	184206	42.203	ug/l	99
6) Chloroethane	1.72	64	182371	49.594	ug/l	98
7) Trichlorofluoromethane	1.92	101	360940	48.239	ug/l	99
8) Diethyl Ether	2.18	74	159252	48.762	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212576	48.396	ug/l	99
10) Methyl Iodide	2.50	142	263813	45.772	ug/l	99
11) Tert butyl alcohol	3.03	59	244075	211.910	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212785	48.723	ug/l	99
13) Acrolein	2.28	56	282127	310.660	ug/l	100
14) Allyl chloride	2.72	41	384166	48.940	ug/l	99
15) Acrylonitrile	3.13	53	648786	243.451	ug/l	99
16) Acetone	2.43	43	576668	205.124	ug/l	100
17) Carbon Disulfide	2.56	76	543306	45.518	ug/l	99
18) Methyl Acetate	2.76	43	394420	49.144	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	729047	50.967	ug/l	99
20) Methylene Chloride	2.85	84	241748	46.465	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	227359	47.282	ug/l	98
22) Diisopropyl ether	3.84	45	785573	50.301	ug/l	99
23) Vinyl Acetate	3.80	43	3124309	262.434	ug/l	100
24) 1,1-Dichloroethane	3.69	63	418022	49.286	ug/l	99
25) 2-Butanone	4.65	43	908098	225.421	ug/l	98
26) 2,2-Dichloropropane	4.58	77	337630	49.734	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	265205	49.279	ug/l	99
28) Bromochloromethane	5.01	49	171620	46.047	ug/l	98
29) Tetrahydrofuran	5.11	42	581535	243.222	ug/l	99
30) Chloroform	5.20	83	414011	49.276	ug/l	97
31) Cyclohexane	5.58	56	387126	48.529	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	349346	49.191	ug/l	99
36) 1,1-Dichloropropene	5.79	75	313210	50.172	ug/l	99
37) Ethyl Acetate	4.82	43	346234	48.424	ug/l	99
38) Carbon Tetrachloride	5.78	117	299305	50.201	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	387050	49.490	ug/l	96
40) Benzene	6.14	78	954841	49.502	ug/l	99
41) Methacrylonitrile	5.03	41	197017	48.290	ug/l	98
42) 1,2-Dichloroethane	6.19	62	330893	49.677	ug/l	100
43) Isopropyl Acetate	6.43	43	582532	49.753	ug/l	100
44) Trichloroethene	7.21	130	260737	47.855	ug/l	100
45) 1,2-Dichloropropane	7.51	63	250926	50.496	ug/l	97
46) Dibromomethane	7.65	93	160366	49.828	ug/l	98
47) Bromodichloromethane	7.89	83	320638	50.796	ug/l	98
48) Methyl methacrylate	7.76	41	286144	51.149	ug/l	98
49) 1,4-Dioxane	7.73	88	106052	894.304	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1812904	245.322	ug/l	99
52) Toluene	8.78	92	605213	51.043	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	359427	52.881	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	395670	52.917	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	246539	50.785	ug/l	99
56) Ethyl methacrylate	9.17	69	389248	47.393	ug/l	100
57) 1,3-Dichloropropane	9.37	76	416387	50.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	630081	258.083	ug/l	99
59) 2-Hexanone	9.48	43	1365623	238.144	ug/l	98
60) Dibromochloromethane	9.57	129	261012	51.511	ug/l	100
61) 1,2-Dibromoethane	9.67	107	258257	50.316	ug/l	99
64) Tetrachloroethene	9.33	164	264248	43.572	ug/l	96
65) Chlorobenzene	10.14	112	649089	49.532	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	243232	50.341	ug/l	99
67) Ethyl Benzene	10.25	91	1149190	51.358	ug/l	99
68) m/p-Xylenes	10.36	106	875892	103.325	ug/l	100
69) o-Xylene	10.70	106	424638	51.888	ug/l	100
70) Styrene	10.71	104	734807	53.527	ug/l	99
71) Bromoform	10.85	173	200786	52.256	ug/l #	100
73) Isopropylbenzene	11.01	105	1125069	51.279	ug/l	100
74) N-amyl acetate	10.89	43	510747	53.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	373275	47.650	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	308570m	42.505	ug/l	
77) Bromobenzene	11.25	156	296357	50.280	ug/l	96
78) n-propylbenzene	11.35	91	1277871	51.312	ug/l	99
79) 2-Chlorotoluene	11.42	91	744440	49.404	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	929350	51.037	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124876	48.952	ug/l	99
82) 4-Chlorotoluene	11.51	91	870411	50.739	ug/l	99
83) tert-Butylbenzene	11.76	119	922949	53.939	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	949231	51.971	ug/l	99
85) sec-Butylbenzene	11.94	105	1090607	52.028	ug/l	100
86) p-Isopropyltoluene	12.06	119	1013663	52.326	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	516373	48.748	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	521318	49.131	ug/l	99
89) n-Butylbenzene	12.39	91	871074	51.628	ug/l	100
90) Hexachloroethane	12.59	117	177295	49.273	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	520942	49.516	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80131	47.611	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	359415	52.989	ug/l	98
94) Hexachlorobutadiene	13.78	225	172454	49.399	ug/l	97
95) Naphthalene	13.83	128	1079521	49.366	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	361032	52.640	ug/l	99

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

