

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020320\
 Data File : VX014786.D
 Acq On : 03 Feb 2020 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
 2/4/2020 3:31:57 PM

Quant Time: Feb 03 11:28:36 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	427959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	579339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	297646	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	247096	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
35) Dibromofluoromethane	5.48	113	200988	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	8.71	98	763552	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	271286	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	267463	46.598	ug/l	99
3) Chloromethane	1.32	50	269773	46.597	ug/l	100
4) Vinyl Chloride	1.41	62	313378	50.062	ug/l	100
5) Bromomethane	1.63	94	192824	45.350	ug/l	99
6) Chloroethane	1.72	64	176142	49.159	ug/l	99
7) Trichlorofluoromethane	1.92	101	353908	48.555	ug/l	99
8) Diethyl Ether	2.18	74	152221	47.846	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215129	50.277	ug/l	99
10) Methyl Iodide	2.50	142	285622	50.872	ug/l	99
11) Tert butyl alcohol	3.03	59	224570	200.151	ug/l	100
12) 1,1-Dichloroethene	2.37	96	203778	47.899	ug/l	99
13) Acrolein	2.28	56	215834	243.970	ug/l	99
14) Allyl chloride	2.72	41	378757	49.531	ug/l	98
15) Acrylonitrile	3.13	53	619213	238.521	ug/l	100
16) Acetone	2.43	43	795803	290.522	ug/l	99
17) Carbon Disulfide	2.56	76	536375	46.130	ug/l	100
18) Methyl Acetate	2.76	43	378055	48.355	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	708150	50.820	ug/l	98
20) Methylene Chloride	2.84	84	238434	47.045	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	220228	47.015	ug/l	95
22) Diisopropyl ether	3.84	45	785945	51.660	ug/l	94
23) Vinyl Acetate	3.80	43	3025046	260.840	ug/l	99
24) 1,1-Dichloroethane	3.69	63	412369	49.910	ug/l	99
25) 2-Butanone	4.65	43	968388	246.768	ug/l	100
26) 2,2-Dichloropropane	4.57	77	341899	51.699	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	255836	48.800	ug/l	99
28) Bromochloromethane	5.00	49	165782	45.661	ug/l	99
29) Tetrahydrofuran	5.11	42	534478	229.475	ug/l	99
30) Chloroform	5.19	83	412368	50.383	ug/l	98
31) Cyclohexane	5.56	56	370046	47.619	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	347820	50.276	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307846	52.022	ug/l	99
37) Ethyl Acetate	4.81	43	330830	48.812	ug/l	99
38) Carbon Tetrachloride	5.77	117	301886	53.416	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	378568	51.065	ug/l	97
40) Benzene	6.13	78	925035	50.592	ug/l	99
41) Methacrylonitrile	5.02	41	188077	48.633	ug/l	99
42) 1,2-Dichloroethane	6.18	62	332209	52.615	ug/l	99
43) Isopropyl Acetate	6.43	43	549739	49.532	ug/l	100
44) Trichloroethene	7.20	130	256594	49.683	ug/l	96
45) 1,2-Dichloropropane	7.50	63	247109	52.460	ug/l	100
46) Dibromomethane	7.65	93	161367	52.894	ug/l	99
47) Bromodichloromethane	7.89	83	325301	54.366	ug/l	98
48) Methyl methacrylate	7.76	41	275338	51.922	ug/l	98
49) 1,4-Dioxane	7.73	88	94908	844.309	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1720621	245.629	ug/l	100
52) Toluene	8.78	92	586809	52.210	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	354521	55.026	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	393881	55.573	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	241116	52.397	ug/l	98
56) Ethyl methacrylate	9.17	69	369948	47.513	ug/l	98
57) 1,3-Dichloropropane	9.36	76	407467	51.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	634691	274.258	ug/l	99
59) 2-Hexanone	9.48	43	1359378	250.082	ug/l	99
60) Dibromochloromethane	9.57	129	262547	54.661	ug/l	100
61) 1,2-Dibromoethane	9.67	107	252674	51.934	ug/l	99
64) Tetrachloroethene	9.33	164	272109	47.449	ug/l	96
65) Chlorobenzene	10.13	112	636192	51.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	241479	52.853	ug/l	100
67) Ethyl Benzene	10.25	91	1129948	53.403	ug/l	99
68) m/p-Xylenes	10.36	106	865424	107.963	ug/l	100
69) o-Xylene	10.69	106	411665	53.197	ug/l	99
70) Styrene	10.71	104	722200	55.635	ug/l	99
71) Bromoform	10.85	173	202131	55.632	ug/l #	99
73) Isopropylbenzene	11.01	105	1112576	53.161	ug/l	100
74) N-amyl acetate	10.89	43	471911	51.456	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	358509	47.977	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	305604m	44.131	ug/l	
77) Bromobenzene	11.25	156	287946	51.214	ug/l	98
78) n-propylbenzene	11.35	91	1289331	54.274	ug/l	100
79) 2-Chlorotoluene	11.42	91	751607	52.290	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	943262	54.304	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	125930	51.751	ug/l	99
82) 4-Chlorotoluene	11.51	91	868907	53.099	ug/l	100
83) tert-Butylbenzene	11.76	119	890829	54.578	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	942803	54.113	ug/l	100
85) sec-Butylbenzene	11.94	105	1095674	54.796	ug/l	100
86) p-Isopropyltoluene	12.06	119	1017445	55.060	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	516831	51.149	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	519277	51.304	ug/l	100
89) n-Butylbenzene	12.39	91	895226	55.624	ug/l	99
90) Hexachloroethane	12.59	117	184622	53.789	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	514211	51.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76467	47.629	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	352061	54.413	ug/l	99
94) Hexachlorobutadiene	13.78	225	177896	53.420	ug/l	97
95) Naphthalene	13.83	128	1017263	48.779	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	349025	53.349	ug/l	97

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

