

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016219.D
 Acq On : 14 May 2020 10:25
 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
 5/15/2020 12:28:54 PM

Quant Time: May 15 01:49:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	278152	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	437484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	161966	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
35) Dibromofluoromethane	5.46	113	131217	47.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.70	98	509428	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.12	95	198718	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148154	50.321	ug/l	100
3) Chloromethane	1.31	50	148911	43.552	ug/l	100
4) Vinyl Chloride	1.39	62	165654	45.411	ug/l	99
5) Bromomethane	1.62	94	73818	40.139	ug/l	98
6) Chloroethane	1.70	64	98174	44.231	ug/l	99
7) Trichlorofluoromethane	1.91	101	219927	45.922	ug/l	99
8) Diethyl Ether	2.17	74	87818	43.520	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128673	46.569	ug/l	99
10) Methyl Iodide	2.49	142	137401	37.021	ug/l	100
11) Tert butyl alcohol	3.02	59	188268	203.408	ug/l	100
12) 1,1-Dichloroethene	2.35	96	126114	43.617	ug/l	92
13) Acrolein	2.27	56	110347	190.520	ug/l	98
14) Allyl chloride	2.70	41	234558	44.243	ug/l	96
15) Acrylonitrile	3.11	53	423870	220.754	ug/l	99
16) Acetone	2.42	43	329548	201.787	ug/l	96
17) Carbon Disulfide	2.55	76	372423	42.861	ug/l	100
18) Methyl Acetate	2.75	43	184051	45.835	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	471485	47.302	ug/l	100
20) Methylene Chloride	2.83	84	150681	44.756	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	145193	45.061	ug/l	97
22) Diisopropyl ether	3.82	45	461115	46.104	ug/l	90
23) Vinyl Acetate	3.78	43	2012061	228.660	ug/l	100
24) 1,1-Dichloroethane	3.67	63	264849	47.337	ug/l	100
25) 2-Butanone	4.63	43	559567	212.629	ug/l	99
26) 2,2-Dichloropropane	4.54	77	239937	46.958	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	166067	47.144	ug/l	98
28) Bromochloromethane	4.98	49	116900	45.821	ug/l	96
29) Tetrahydrofuran	5.09	42	379135	217.426	ug/l	99
30) Chloroform	5.17	83	264957	47.563	ug/l	100
31) Cyclohexane	5.54	56	236700	46.551	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	238213	47.044	ug/l	98
36) 1,1-Dichloropropene	5.77	75	203572	47.272	ug/l	100
37) Ethyl Acetate	4.79	43	222375	44.553	ug/l	99
38) Carbon Tetrachloride	5.76	117	212268	48.494	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	236808	45.662	ug/l	99
40) Benzene	6.11	78	606708	48.150	ug/l	97
41) Methacrylonitrile	5.00	41	122346	45.389	ug/l	100
42) 1,2-Dichloroethane	6.16	62	209704	46.200	ug/l	99
43) Isopropyl Acetate	6.41	43	358920	45.069	ug/l	98
44) Trichloroethene	7.19	130	203332	45.423	ug/l	98
45) 1,2-Dichloropropane	7.49	63	156305	49.024	ug/l	97
46) Dibromomethane	7.63	93	102720	47.409	ug/l	99
47) Bromodichloromethane	7.87	83	216672	49.101	ug/l	100
48) Methyl methacrylate	7.74	41	170957	45.304	ug/l	96
49) 1,4-Dioxane	7.71	88	78119	863.162	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1120956	230.018	ug/l	98
52) Toluene	8.76	92	387307	49.313	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	254078	48.291	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	267956	48.758	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	153282	49.605	ug/l	99
56) Ethyl methacrylate	9.16	69	248358	49.239	ug/l	95
57) 1,3-Dichloropropane	9.35	76	263928	48.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	657239	244.757	ug/l	100
59) 2-Hexanone	9.47	43	865871	226.245	ug/l	98
60) Dibromochloromethane	9.57	129	171309	50.337	ug/l	99
61) 1,2-Dibromoethane	9.65	107	161920	48.376	ug/l	99
64) Tetrachloroethene	9.32	164	238663	48.220	ug/l	98
65) Chlorobenzene	10.12	112	411446	48.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	157821	50.580	ug/l	99
67) Ethyl Benzene	10.24	91	745153	49.470	ug/l	100
68) m/p-Xylenes	10.34	106	559974	99.226	ug/l	99
69) o-Xylene	10.68	106	268315	49.462	ug/l	100
70) Styrene	10.70	104	469103	50.973	ug/l	100
71) Bromoform	10.84	173	131096	51.569	ug/l #	97
73) Isopropylbenzene	11.00	105	721640	47.038	ug/l	99
74) N-amyl acetate	10.88	43	311015	43.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	154963	51.277	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	220314m	46.029	ug/l	
77) Bromobenzene	11.24	156	182015	45.964	ug/l	99
78) n-propylbenzene	11.34	91	836564	46.872	ug/l	99
79) 2-Chlorotoluene	11.40	91	493899	46.882	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	615948	47.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	91662	45.637	ug/l	94
82) 4-Chlorotoluene	11.49	91	595999	47.908	ug/l	100
83) tert-Butylbenzene	11.76	119	525201	47.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	629977	48.105	ug/l	99
85) sec-Butylbenzene	11.93	105	700061	46.447	ug/l	100
86) p-Isopropyltoluene	12.05	119	661419	47.265	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	336170	47.280	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	334363	46.332	ug/l	98
89) n-Butylbenzene	12.37	91	583003	45.603	ug/l	100
90) Hexachloroethane	12.58	117	110686	46.055	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	326237	47.651	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53723	42.587	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	232169	45.803	ug/l	99
94) Hexachlorobutadiene	13.77	225	94130	43.199	ug/l	96
95) Naphthalene	13.82	128	755033	46.002	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	232131	46.859	ug/l	96

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

