

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031319\
 Data File : VX008059.D
 Acq On : 13 Mar 2019 19:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 10:18:06 AM

Quant Time: Mar 14 04:55:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	101400	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	5.50	113	93252	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	358945	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.13	95	131888	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	85820	50.401	ug/l	100
3) Chloromethane	1.33	50	111410	50.771	ug/l	97
4) Vinyl Chloride	1.41	62	115972	53.190	ug/l	100
5) Bromomethane	1.64	94	53702	52.542	ug/l	100
6) Chloroethane	1.72	64	62699	43.287	ug/l	99
7) Trichlorofluoromethane	1.93	101	136406	48.052	ug/l	96
8) Diethyl Ether	2.19	74	59930	48.753	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83331	47.370	ug/l	98
10) Methyl Iodide	2.51	142	133273	53.402	ug/l	98
11) Tert butyl alcohol	3.08	59	109294	232.450	ug/l	100
12) 1,1-Dichloroethene	2.37	96	81077	47.813	ug/l	98
13) Acrolein	2.30	56	84321	316.489	ug/l	98
14) Allyl chloride	2.73	41	149289	41.897	ug/l	97
15) Acrylonitrile	3.15	53	264542	222.906	ug/l	99
16) Acetone	2.45	43	218598	179.632	ug/l	99
17) Carbon Disulfide	2.57	76	226220	43.876	ug/l	100
18) Methyl Acetate	2.78	43	125351	48.486	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	286687	49.144	ug/l	98
20) Methylene Chloride	2.86	84	90625	46.793	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	86482	46.351	ug/l	96
22) Diisopropyl ether	3.87	45	301438	46.150	ug/l	95
23) Vinyl Acetate	3.82	43	1283550	224.090	ug/l	98
24) 1,1-Dichloroethane	3.70	63	166094	47.252	ug/l	99
25) 2-Butanone	4.70	43	374921	217.617	ug/l	96
26) 2,2-Dichloropropane	4.59	77	102995	44.228	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	104002	48.712	ug/l	96
28) Bromochloromethane	5.02	49	78249	47.750	ug/l	93
29) Tetrahydrofuran	5.15	42	249593	232.255	ug/l	96
30) Chloroform	5.21	83	164465	49.463	ug/l	100
31) Cyclohexane	5.57	56	150423	46.563	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	139132	50.433	ug/l	98
36) 1,1-Dichloropropene	5.80	75	124090	46.191	ug/l	98
37) Ethyl Acetate	4.85	43	139861	43.871	ug/l	98
38) Carbon Tetrachloride	5.78	117	121995	47.833	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155337	47.719	ug/l	98
40) Benzene	6.14	78	388099	48.526	ug/l	100
41) Methacrylonitrile	5.06	41	81033	46.621	ug/l	98
42) 1,2-Dichloroethane	6.20	62	124785	47.709	ug/l	99
43) Isopropyl Acetate	6.46	43	224113	47.500	ug/l	98
44) Trichloroethene	7.21	130	110014	49.915	ug/l	99
45) 1,2-Dichloropropane	7.52	63	104930	49.674	ug/l	98
46) Dibromomethane	7.66	93	66604	49.823	ug/l	98
47) Bromodichloromethane	7.90	83	126938	50.083	ug/l	98
48) Methyl methacrylate	7.77	41	119619	48.222	ug/l	96
49) 1,4-Dioxane	7.75	88	52563	1031.509	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	754185	248.556	ug/l	98
52) Toluene	8.79	92	252268	51.664	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142552	53.887	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	156413	52.359	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	107693	54.483	ug/l	99
56) Ethyl methacrylate	9.18	69	160408	54.049	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177840	53.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	409859	266.978	ug/l	98
59) 2-Hexanone	9.49	43	592140	251.360	ug/l	99
60) Dibromochloromethane	9.59	129	111538	53.986	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112256	53.490	ug/l	100
64) Tetrachloroethene	9.34	164	115105	50.361	ug/l	100
65) Chlorobenzene	10.14	112	285024	49.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	106472	51.473	ug/l	99
67) Ethyl Benzene	10.25	91	481009	50.630	ug/l	99
68) m/p-Xylenes	10.36	106	369357	100.863	ug/l	100
69) o-Xylene	10.70	106	180059	50.930	ug/l	99
70) Styrene	10.71	104	298962	51.676	ug/l	100
71) Bromoform	10.86	173	88124	49.609	ug/l #	99
73) Isopropylbenzene	11.02	105	486925	51.473	ug/l	100
74) N-amyl acetate	10.90	43	207975	48.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	156903	48.085	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	151458m	51.602	ug/l	
77) Bromobenzene	11.26	156	130173	50.191	ug/l	98
78) n-propylbenzene	11.36	91	537241	51.193	ug/l	100
79) 2-Chlorotoluene	11.42	91	321223	50.061	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	399564	51.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44794	48.783	ug/l	99
82) 4-Chlorotoluene	11.51	91	366179	49.797	ug/l	100
83) tert-Butylbenzene	11.77	119	396132	50.510	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	411789	51.593	ug/l	100
85) sec-Butylbenzene	11.94	105	479306	51.891	ug/l	99
86) p-Isopropyltoluene	12.06	119	428915	51.850	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	228014	49.694	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	226540	48.211	ug/l	100
89) n-Butylbenzene	12.39	91	352031	50.231	ug/l	99
90) Hexachloroethane	12.60	117	69187	50.024	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	226884	49.775	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33651	49.346	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158491	49.496	ug/l	100
94) Hexachlorobutadiene	13.78	225	84514	50.482	ug/l	100
95) Naphthalene	13.83	128	483875	52.445	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161715	50.697	ug/l	99

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

