

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071119\
 Data File : VX010821.D
 Acq On : 11 Jul 2019 20:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 12:21:40 PM

Quant Time: Jul 12 08:19:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105421	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.49	113	98575	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	
50) Toluene-d8	8.71	98	363099	41.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.98%	
62) 4-Bromofluorobenzene	11.13	95	140138	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82932	48.712	ug/l	97
3) Chloromethane	1.32	50	82077	41.402	ug/l	98
4) Vinyl Chloride	1.41	62	93396	43.012	ug/l	98
5) Bromomethane	1.64	94	32540	30.760	ug/l	98
6) Chloroethane	1.71	64	64005	49.962	ug/l	98
7) Trichlorofluoromethane	1.92	101	163414	47.475	ug/l	99
8) Diethyl Ether	2.19	74	57359	46.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93081	44.623	ug/l	99
10) Methyl Iodide	2.51	142	67239	22.587	ug/l	96
11) Tert butyl alcohol	3.06	59	118080	196.541	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93245	43.930	ug/l	96
13) Acrolein	2.29	56	66496	166.845	ug/l	99
14) Allyl chloride	2.73	41	136754	45.381	ug/l	97
15) Acrylonitrile	3.14	53	277459	233.257	ug/l	100
16) Acetone	2.45	43	224593	195.181	ug/l	97
17) Carbon Disulfide	2.57	76	225579	39.613	ug/l	100
18) Methyl Acetate	2.78	43	110729	48.282	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	304739	45.637	ug/l	98
20) Methylene Chloride	2.85	84	107427	45.365	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	98172	43.004	ug/l	98
22) Diisopropyl ether	3.85	45	294117	46.682	ug/l	97
23) Vinyl Acetate	3.81	43	1291561	237.292	ug/l	98
24) 1,1-Dichloroethane	3.70	63	166472	45.710	ug/l	99
25) 2-Butanone	4.67	43	375482	222.453	ug/l	99
26) 2,2-Dichloropropane	4.58	77	118629	37.497	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	115159	43.653	ug/l	97
28) Bromochloromethane	5.01	49	75483	43.350	ug/l	93
29) Tetrahydrofuran	5.13	42	244970	234.307	ug/l	98
30) Chloroform	5.21	83	179533	45.817	ug/l	98
31) Cyclohexane	5.58	56	146822	44.271	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155821	45.035	ug/l	99
36) 1,1-Dichloropropene	5.80	75	127621	42.955	ug/l	99
37) Ethyl Acetate	4.83	43	141624	46.336	ug/l	99
38) Carbon Tetrachloride	5.79	117	134863	41.919	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161411	41.331	ug/l	99
40) Benzene	6.14	78	406493	43.916	ug/l	100
41) Methacrylonitrile	5.04	41	77178	46.021	ug/l	98
42) 1,2-Dichloroethane	6.19	62	137564	48.823	ug/l	97
43) Isopropyl Acetate	6.45	43	229236	45.331	ug/l	98
44) Trichloroethene	7.21	130	118129	42.651	ug/l	98
45) 1,2-Dichloropropane	7.51	63	102017	43.645	ug/l	99
46) Dibromomethane	7.66	93	74582	44.472	ug/l	97
47) Bromodichloromethane	7.90	83	133208	43.342	ug/l	99
48) Methyl methacrylate	7.77	41	109728	46.682	ug/l	97
49) 1,4-Dioxane	7.74	88	59857	883.991	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	770331	238.183	ug/l	97
52) Toluene	8.78	92	266139	43.661	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142768	41.433	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159281	42.537	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	110084	43.790	ug/l	97
56) Ethyl methacrylate	9.18	69	173392	45.531	ug/l	95
57) 1,3-Dichloropropane	9.37	76	176159	45.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	365588	202.133	ug/l	99
59) 2-Hexanone	9.49	43	585047	229.843	ug/l	97
60) Dibromochloromethane	9.58	129	117276	41.665	ug/l	98
61) 1,2-Dibromoethane	9.67	107	120235	44.310	ug/l	99
64) Tetrachloroethene	9.34	164	110658	39.415	ug/l	98
65) Chlorobenzene	10.14	112	300772	42.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109476	42.649	ug/l	100
67) Ethyl Benzene	10.25	91	518228	43.560	ug/l	99
68) m/p-Xylenes	10.36	106	401867	87.177	ug/l	99
69) o-Xylene	10.69	106	195586	43.145	ug/l	99
70) Styrene	10.71	104	336156	44.217	ug/l	98
71) Bromoform	10.85	173	89558	40.120	ug/l #	99
73) Isopropylbenzene	11.02	105	518143	42.778	ug/l	99
74) N-amyl acetate	10.90	43	210226	45.926	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	174101	43.403	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142294m	43.702	ug/l	
77) Bromobenzene	11.26	156	142371	42.095	ug/l	98
78) n-propylbenzene	11.36	91	589694	44.298	ug/l	99
79) 2-Chlorotoluene	11.42	91	344089	43.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	442975	44.363	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43687	31.301	ug/l	88
82) 4-Chlorotoluene	11.51	91	401309	44.491	ug/l	100
83) tert-Butylbenzene	11.77	119	433640	43.269	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	441654	44.025	ug/l	99
85) sec-Butylbenzene	11.94	105	518520	44.065	ug/l	99
86) p-Isopropyltoluene	12.06	119	476115	43.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	251218	42.553	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246825	41.067	ug/l	99
89) n-Butylbenzene	12.38	91	410058	44.336	ug/l	99
90) Hexachloroethane	12.60	117	68796	36.554	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	246192	41.958	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35633	41.201	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	170895	41.999	ug/l	99
94) Hexachlorobutadiene	13.78	225	80912	40.686	ug/l	99
95) Naphthalene	13.83	128	531424	42.499	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	173615	42.914	ug/l	99

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

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