

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070620\
 Data File : VX017162.D
 Acq On : 06 Jul 2020 12:59
 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
 7/7/2020 12:24:36 PM

Quant Time: Jul 06 15:42:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	323131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	441583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193828	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.46	113	158140	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
50) Toluene-d8	8.70	98	575718	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.12	95	233155	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146708	46.930	ug/l	98
3) Chloromethane	1.31	50	143306	37.872	ug/l	99
4) Vinyl Chloride	1.39	62	145490	41.441	ug/l	98
5) Bromomethane	1.62	94	86414	46.588	ug/l	99
6) Chloroethane	1.71	64	91473	44.115	ug/l	99
7) Trichlorofluoromethane	1.92	101	261239	50.312	ug/l	100
8) Diethyl Ether	2.17	74	84775	48.535	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150100	48.232	ug/l	96
10) Methyl Iodide	2.49	142	150188	37.401	ug/l	99
11) Tert butyl alcohol	3.01	59	158119	208.066	ug/l	100
12) 1,1-Dichloroethene	2.36	96	140781	44.036	ug/l	99
13) Acrolein	2.27	56	64383	141.725	ug/l	98
14) Allyl chloride	2.71	41	247230	41.845	ug/l	96
15) Acrylonitrile	3.11	53	379337	207.642	ug/l	98
16) Acetone	2.42	43	312428	209.653	ug/l	99
17) Carbon Disulfide	2.55	76	401395	44.996	ug/l	99
18) Methyl Acetate	2.75	43	169905	43.675	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	508418	47.385	ug/l	98
20) Methylene Chloride	2.83	84	162499	47.507	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	161644	45.562	ug/l	99
22) Diisopropyl ether	3.82	45	488128	44.639	ug/l	95
23) Vinyl Acetate	3.78	43	2132587	226.954	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278954	44.834	ug/l	98
25) 2-Butanone	4.63	43	510987	205.788	ug/l	100
26) 2,2-Dichloropropane	4.55	77	254986	46.155	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175839	43.743	ug/l	98
28) Bromochloromethane	4.98	49	133049	43.943	ug/l	94
29) Tetrahydrofuran	5.09	42	337249	205.562	ug/l	99
30) Chloroform	5.17	83	295491	46.328	ug/l	99
31) Cyclohexane	5.54	56	239978	44.621	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	276879	47.136	ug/l	99
36) 1,1-Dichloropropene	5.77	75	218211	49.369	ug/l	99
37) Ethyl Acetate	4.79	43	203207	45.313	ug/l	99
38) Carbon Tetrachloride	5.75	117	258159	53.029	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	250904	51.020	ug/l	98
40) Benzene	6.11	78	619703	47.719	ug/l	98
41) Methacrylonitrile	5.00	41	119236	47.241	ug/l	98
42) 1,2-Dichloroethane	6.16	62	240023	51.168	ug/l	100
43) Isopropyl Acetate	6.41	43	342136	45.912	ug/l	99
44) Trichloroethene	7.18	130	188757	52.688	ug/l	97
45) 1,2-Dichloropropane	7.49	63	157549	47.234	ug/l	98
46) Dibromomethane	7.63	93	113121	49.675	ug/l	95
47) Bromodichloromethane	7.87	83	241109	51.377	ug/l	96
48) Methyl methacrylate	7.74	41	170187	48.070	ug/l	96
49) 1,4-Dioxane	7.71	88	70714	881.642	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1034854	232.963	ug/l	100
52) Toluene	8.76	92	407886	50.306	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	265878	51.349	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	278203	50.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165295	49.897	ug/l	99
56) Ethyl methacrylate	9.16	69	240867	51.084	ug/l	98
57) 1,3-Dichloropropane	9.35	76	270822	48.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	640091	272.766	ug/l	98
59) 2-Hexanone	9.47	43	772599	238.145	ug/l	100
60) Dibromochloromethane	9.56	129	202496	52.629	ug/l	99
61) 1,2-Dibromoethane	9.65	107	176896	49.678	ug/l	99
64) Tetrachloroethene	9.32	164	184396	51.741	ug/l	97
65) Chlorobenzene	10.12	112	453130	49.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	180487	51.385	ug/l	98
67) Ethyl Benzene	10.23	91	781593	51.351	ug/l	100
68) m/p-Xylenes	10.34	106	611897	104.702	ug/l	98
69) o-Xylene	10.68	106	286906	51.606	ug/l	97
70) Styrene	10.70	104	504113	53.248	ug/l	99
71) Bromoform	10.84	173	156460	56.173	ug/l	100
73) Isopropylbenzene	11.00	105	799187	48.651	ug/l	100
74) N-amyl acetate	10.88	43	316141	45.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228768	44.273	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224765m	45.576	ug/l	
77) Bromobenzene	11.24	156	217566	48.190	ug/l	95
78) n-propylbenzene	11.34	91	915107	49.262	ug/l	100
79) 2-Chlorotoluene	11.40	91	549572	48.883	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	692096	50.793	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	87558	45.977	ug/l	97
82) 4-Chlorotoluene	11.49	91	658877	49.024	ug/l	99
83) tert-Butylbenzene	11.76	119	669540	50.056	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	709199	51.304	ug/l	99
85) sec-Butylbenzene	11.93	105	779589	49.583	ug/l	99
86) p-Isopropyltoluene	12.05	119	752630	51.420	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	389316	47.479	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	395431	51.142	ug/l	99
89) n-Butylbenzene	12.37	91	620806	47.501	ug/l	98
90) Hexachloroethane	12.58	117	137948	47.792	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	361358	47.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51899	42.103	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	253494	48.456	ug/l	99
94) Hexachlorobutadiene	13.76	225	100027	50.374	ug/l	96
95) Naphthalene	13.82	128	776919	48.849	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	251794	49.734	ug/l	99

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

