

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080520\
 Data File : VX017787.D
 Acq On : 05 Aug 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 06 02:40:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	530157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	779023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	737844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	388517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	350526	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	5.46	113	270223	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	8.70	98	936374	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.12	95	388068	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	231937	47.096	ug/l	99
3) Chloromethane	1.32	50	282724	43.193	ug/l	100
4) Vinyl Chloride	1.39	62	280760	42.084	ug/l	98
5) Bromomethane	1.62	94	162924	45.140	ug/l	98
6) Chloroethane	1.70	64	176548	47.960	ug/l	98
7) Trichlorofluoromethane	1.91	101	479271	45.674	ug/l	100
8) Diethyl Ether	2.17	74	168215	49.431	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	262530	45.591	ug/l	95
10) Methyl Iodide	2.49	142	308217	41.838	ug/l	96
11) Tert butyl alcohol	3.03	59	349139	243.254	ug/l	99
12) 1,1-Dichloroethene	2.36	96	240069	43.841	ug/l	95
13) Acrolein	2.27	56	213133	195.417	ug/l	100
14) Allyl chloride	2.70	41	479675	47.973	ug/l	96
15) Acrylonitrile	3.12	53	849075	273.891	ug/l	99
16) Acetone	2.42	43	772305	257.661	ug/l	97
17) Carbon Disulfide	2.55	76	663562	39.868	ug/l	99
18) Methyl Acetate	2.75	43	402468	57.013	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	943586	49.785	ug/l	100
20) Methylene Chloride	2.83	84	288653	51.163	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	280153	47.756	ug/l	98
22) Diisopropyl ether	3.82	45	888663	48.607	ug/l	92
23) Vinyl Acetate	3.79	43	4103479	251.727	ug/l	100
24) 1,1-Dichloroethane	3.67	63	523491	49.706	ug/l	98
25) 2-Butanone	4.64	43	1156375	271.573	ug/l	96
26) 2,2-Dichloropropane	4.55	77	464300	49.250	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	304381	47.771	ug/l	99
28) Bromochloromethane	4.98	49	247156	51.786	ug/l	99
29) Tetrahydrofuran	5.09	42	767038	290.814	ug/l	98
30) Chloroform	5.18	83	574441	53.381	ug/l	100
31) Cyclohexane	5.54	56	388499	46.258	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	494567	48.737	ug/l	99
36) 1,1-Dichloropropene	5.76	75	368054	49.261	ug/l	99
37) Ethyl Acetate	4.80	43	462268	56.547	ug/l	99
38) Carbon Tetrachloride	5.75	117	448033	49.380	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	406941	46.656	ug/l	96
40) Benzene	6.11	78	1048393	48.943	ug/l	97
41) Methacrylonitrile	5.00	41	267019	56.984	ug/l	99
42) 1,2-Dichloroethane	6.16	62	469020	53.521	ug/l	100
43) Isopropyl Acetate	6.42	43	682446	50.596	ug/l	100
44) Trichloroethene	7.18	130	324562	51.847	ug/l	98
45) 1,2-Dichloropropane	7.49	63	285402	48.063	ug/l	99
46) Dibromomethane	7.64	93	220125	52.454	ug/l	99
47) Bromodichloromethane	7.87	83	476969	56.487	ug/l	100
48) Methyl methacrylate	7.74	41	351266	52.537	ug/l	99
49) 1,4-Dioxane	7.72	88	121648	948.989	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2285240	283.953	ug/l	99
52) Toluene	8.76	92	692789	50.431	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	488477	51.678	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	485907	50.398	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	304166	53.151	ug/l	98
56) Ethyl methacrylate	9.16	69	461326	53.508	ug/l	100
57) 1,3-Dichloropropane	9.35	76	501099	53.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1122333	247.086	ug/l	99
59) 2-Hexanone	9.48	43	1649495	272.230	ug/l	99
60) Dibromochloromethane	9.57	129	369278	50.770	ug/l	100
61) 1,2-Dibromoethane	9.65	107	323389	53.079	ug/l	99
64) Tetrachloroethene	9.32	164	334718	50.544	ug/l	99
65) Chlorobenzene	10.12	112	785626	49.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	320267	49.688	ug/l	99
67) Ethyl Benzene	10.24	91	1348429	50.580	ug/l	100
68) m/p-Xylenes	10.34	106	1130817	109.492	ug/l	96
69) o-Xylene	10.68	106	525180	52.872	ug/l	98
70) Styrene	10.70	104	929269	54.986	ug/l	99
71) Bromoform	10.84	173	284153	50.884	ug/l #	97
73) Isopropylbenzene	11.01	105	1473415	55.281	ug/l	100
74) N-amyl acetate	10.88	43	641097	54.137	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	437405	52.577	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	423983m	53.051	ug/l	
77) Bromobenzene	11.24	156	373631	50.074	ug/l	97
78) n-propylbenzene	11.34	91	1640793	54.583	ug/l	99
79) 2-Chlorotoluene	11.40	91	925508	49.702	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1145011	50.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	166309	52.435	ug/l	97
82) 4-Chlorotoluene	11.49	91	1095920	49.892	ug/l	99
83) tert-Butylbenzene	11.76	119	1086913	49.916	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1125771	49.738	ug/l	99
85) sec-Butylbenzene	11.93	105	1278202	50.390	ug/l	98
86) p-Isopropyltoluene	12.05	119	1214799	50.290	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	622758	48.602	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	632001	47.618	ug/l	99
89) n-Butylbenzene	12.37	91	1068414	49.637	ug/l	99
90) Hexachloroethane	12.58	117	237592	49.889	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	606121	48.130	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	111072	47.354	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	450945	52.467	ug/l	99
94) Hexachlorobutadiene	13.77	225	173215	43.782	ug/l	91
95) Naphthalene	13.82	128	1399710	54.554	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	439093	51.741	ug/l	98

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

