

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017758.D
 Acq On : 04 Aug 2020 09:22
 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
 8/5/2020 2:51:14 PM

Quant Time: Aug 05 01:56:42 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	5.62	168	520882	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	770233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	752124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	384467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	341963	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	5.46	113	263952	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	943226	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.12	95	362511	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	225043	46.497	ug/l	97
3) Chloromethane	1.31	50	280370	43.593	ug/l	99
4) Vinyl Chloride	1.39	62	281565	42.956	ug/l	99
5) Bromomethane	1.62	94	169364	47.948	ug/l	97
6) Chloroethane	1.70	64	178004	49.236	ug/l	98
7) Trichlorofluoromethane	1.92	101	487856	47.320	ug/l	100
8) Diethyl Ether	2.17	74	166297	49.746	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	260004	45.956	ug/l	97
10) Methyl Iodide	2.49	142	322078	44.498	ug/l	96
11) Tert butyl alcohol	3.01	59	301176	213.573	ug/l	99
12) 1,1-Dichloroethene	2.36	96	237852	44.209	ug/l	96
13) Acrolein	2.27	56	247404	230.125	ug/l	100
14) Allyl chloride	2.70	41	462923	47.122	ug/l	97
15) Acrylonitrile	3.11	53	657952	216.018	ug/l	100
16) Acetone	2.42	43	610931	207.452	ug/l	97
17) Carbon Disulfide	2.55	76	651122	39.817	ug/l	100
18) Methyl Acetate	2.75	43	355399	51.242	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	828591	44.496	ug/l	98
20) Methylene Chloride	2.83	84	273306	49.257	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	252896	43.878	ug/l	97
22) Diisopropyl ether	3.82	45	912668	50.809	ug/l	99
23) Vinyl Acetate	3.78	43	3667501	228.988	ug/l	100
24) 1,1-Dichloroethane	3.67	63	468445	45.271	ug/l	99
25) 2-Butanone	4.63	43	942104	225.191	ug/l	97
26) 2,2-Dichloropropane	4.54	77	468429	50.572	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	288191	46.035	ug/l	100
28) Bromochloromethane	4.98	49	214763	45.800	ug/l	95
29) Tetrahydrofuran	5.08	42	612382	236.312	ug/l	99
30) Chloroform	5.17	83	512740	48.495	ug/l	99
31) Cyclohexane	5.54	56	378546	45.875	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	486170	48.763	ug/l	99
36) 1,1-Dichloropropene	5.76	75	374548	50.702	ug/l	99
37) Ethyl Acetate	4.79	43	366978	45.403	ug/l	99
38) Carbon Tetrachloride	5.75	117	457980	51.052	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	398078	46.161	ug/l	99
40) Benzene	6.10	78	1013284	47.844	ug/l	99
41) Methacrylonitrile	5.00	41	202982	43.813	ug/l	98
42) 1,2-Dichloroethane	6.16	62	448263	51.736	ug/l	99
43) Isopropyl Acetate	6.41	43	677506	50.803	ug/l	100
44) Trichloroethene	7.19	130	316734	51.174	ug/l	96
45) 1,2-Dichloropropane	7.49	63	275662	46.952	ug/l	100
46) Dibromomethane	7.63	93	194442	46.863	ug/l	99
47) Bromodichloromethane	7.87	83	450327	53.940	ug/l	99
48) Methyl methacrylate	7.74	41	306794	46.409	ug/l	97
49) 1,4-Dioxane	7.71	88	110390	870.992	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1916654	240.872	ug/l	100
52) Toluene	8.76	92	681922	50.206	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	470961	50.393	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	485890	50.972	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	287178	50.755	ug/l	98
56) Ethyl methacrylate	9.16	69	430284	50.477	ug/l	99
57) 1,3-Dichloropropane	9.35	76	472051	50.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1054951	234.902	ug/l	98
59) 2-Hexanone	9.47	43	1514542	252.810	ug/l	99
60) Dibromochloromethane	9.56	129	370351	51.498	ug/l	99
61) 1,2-Dibromoethane	9.65	107	316858	52.600	ug/l	99
64) Tetrachloroethene	9.32	164	341172	50.540	ug/l	97
65) Chlorobenzene	10.12	112	793462	48.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	326122	49.635	ug/l	99
67) Ethyl Benzene	10.23	91	1358641	49.995	ug/l	98
68) m/p-Xylenes	10.34	106	1048239	99.569	ug/l	97
69) o-Xylene	10.68	106	467944	46.215	ug/l	99
70) Styrene	10.70	104	824197	47.842	ug/l	99
71) Bromoform	10.84	173	254962	44.790	ug/l #	99
73) Isopropylbenzene	11.00	105	1311041	49.707	ug/l	99
74) N-amyl acetate	10.88	43	519715	44.349	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	368106	44.713	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	359617m	45.471	ug/l	
77) Bromobenzene	11.24	156	349452	47.327	ug/l	99
78) n-propylbenzene	11.34	91	1528363	51.379	ug/l	100
79) 2-Chlorotoluene	11.40	91	896813	48.668	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1136825	50.482	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	143973	45.871	ug/l	96
82) 4-Chlorotoluene	11.49	91	1066972	49.086	ug/l	100
83) tert-Butylbenzene	11.76	119	1053779	48.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1142832	51.023	ug/l	99
85) sec-Butylbenzene	11.93	105	1268601	50.539	ug/l	100
86) p-Isopropyltoluene	12.05	119	1200490	50.221	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	606428	47.826	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	623681	47.487	ug/l	99
89) n-Butylbenzene	12.37	91	1057399	49.643	ug/l	99
90) Hexachloroethane	12.58	117	226296	48.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	597619	47.955	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96859	42.036	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	428627	50.396	ug/l	99
94) Hexachlorobutadiene	13.77	225	177362	45.302	ug/l	95
95) Naphthalene	13.82	128	1261923	49.702	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	430899	51.310	ug/l	99

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

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