

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071620\
 Data File : VX017384.D
 Acq On : 16 Jul 2020 11:39
 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
 7/17/2020 4:44:08 PM

Quant Time: Jul 17 01:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	364755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	551908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	523319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	288276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	188119	41.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.18%	
35) Dibromofluoromethane	5.46	113	156460	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	
50) Toluene-d8	8.70	98	561875	41.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.80%	
62) 4-Bromofluorobenzene	11.12	95	216573	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	162056	52.505	ug/l	98
3) Chloromethane	1.31	50	183314	52.756	ug/l	99
4) Vinyl Chloride	1.39	62	180413	52.484	ug/l	97
5) Bromomethane	1.62	94	98432	43.987	ug/l	97
6) Chloroethane	1.71	64	111472	51.375	ug/l	99
7) Trichlorofluoromethane	1.91	101	271892	46.863	ug/l	98
8) Diethyl Ether	2.17	74	102162	49.814	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150242	45.458	ug/l	98
10) Methyl Iodide	2.49	142	208541	47.722	ug/l	99
11) Tert butyl alcohol	3.01	59	184457	239.149	ug/l	99
12) 1,1-Dichloroethene	2.36	96	149896	45.158	ug/l	93
13) Acrolein	2.27	56	78764	186.286	ug/l	100
14) Allyl chloride	2.70	41	302369	52.571	ug/l	95
15) Acrylonitrile	3.11	53	494173	264.296	ug/l	99
16) Acetone	2.42	43	401257	245.683	ug/l	96
17) Carbon Disulfide	2.55	76	492996	50.912	ug/l	100
18) Methyl Acetate	2.75	43	212108	52.581	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	563632	50.007	ug/l	99
20) Methylene Chloride	2.83	84	200028	50.197	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	192908	50.794	ug/l	95
22) Diisopropyl ether	3.82	45	604763	55.199	ug/l	89
23) Vinyl Acetate	3.78	43	2660345	276.098	ug/l	99
24) 1,1-Dichloroethane	3.67	63	331571	51.495	ug/l	99
25) 2-Butanone	4.63	43	663663	255.840	ug/l	99
26) 2,2-Dichloropropane	4.54	77	267713	44.675	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	205267	49.287	ug/l	98
28) Bromochloromethane	4.98	49	153926	51.749	ug/l	92
29) Tetrahydrofuran	5.09	42	437072	260.290	ug/l	96
30) Chloroform	5.17	83	344698	49.758	ug/l	95
31) Cyclohexane	5.54	56	263946	50.073	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	302413	47.221	ug/l	98
36) 1,1-Dichloropropene	5.76	75	246753	48.607	ug/l	99
37) Ethyl Acetate	4.79	43	263642	50.218	ug/l	99
38) Carbon Tetrachloride	5.75	117	275759	46.395	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	265668	48.191	ug/l	96
40) Benzene	6.11	78	736873	50.507	ug/l	100
41) Methacrylonitrile	5.00	41	144672	51.331	ug/l	99
42) 1,2-Dichloroethane	6.16	62	275254	48.560	ug/l	100
43) Isopropyl Acetate	6.41	43	413699	49.314	ug/l	99
44) Trichloroethene	7.19	130	205716	46.162	ug/l	99
45) 1,2-Dichloropropane	7.49	63	198212	53.096	ug/l	98
46) Dibromomethane	7.63	93	136285	50.620	ug/l	95
47) Bromodichloromethane	7.87	83	281599	50.029	ug/l	96
48) Methyl methacrylate	7.74	41	211208	52.465	ug/l	99
49) 1,4-Dioxane	7.71	88	88051	1068.809	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1326295	259.286	ug/l	99
52) Toluene	8.76	92	470760	50.282	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	295660	48.757	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	322039	49.792	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	199366	51.067	ug/l	98
56) Ethyl methacrylate	9.16	69	285373	51.487	ug/l	99
57) 1,3-Dichloropropane	9.35	76	325777	50.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	715133	254.107	ug/l	97
59) 2-Hexanone	9.47	43	988507	256.042	ug/l	98
60) Dibromochloromethane	9.57	129	228282	47.864	ug/l	99
61) 1,2-Dibromoethane	9.65	107	211784	49.867	ug/l	99
64) Tetrachloroethene	9.32	164	209813	46.322	ug/l	97
65) Chlorobenzene	10.12	112	510715	48.022	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	198756	46.941	ug/l	98
67) Ethyl Benzene	10.23	91	868757	49.070	ug/l	97
68) m/p-Xylenes	10.34	106	676248	100.391	ug/l	98
69) o-Xylene	10.68	106	317138	49.271	ug/l	98
70) Styrene	10.70	104	578722	52.378	ug/l	97
71) Bromoform	10.84	173	173093	48.446	ug/l	# 98
73) Isopropylbenzene	11.00	105	849369	47.002	ug/l	99
74) N-amyl acetate	10.88	43	374269	51.756	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	278270	50.716	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	267451m	50.208	ug/l	
77) Bromobenzene	11.24	156	228650	44.425	ug/l	92
78) n-propylbenzene	11.34	91	1000484	49.296	ug/l	100
79) 2-Chlorotoluene	11.40	91	597272	47.756	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	738175	48.121	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	99852	47.552	ug/l	97
82) 4-Chlorotoluene	11.49	91	721589	48.683	ug/l	100
83) tert-Butylbenzene	11.76	119	694101	46.808	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	757934	48.907	ug/l	99
85) sec-Butylbenzene	11.93	105	843238	48.572	ug/l	99
86) p-Isopropyltoluene	12.05	119	799994	48.701	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	421180	45.744	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	424603	45.646	ug/l	99
89) n-Butylbenzene	12.37	91	699251	49.913	ug/l	99
90) Hexachloroethane	12.58	117	152991	49.058	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	403436	46.627	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61931	42.776	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	268083	44.634	ug/l	97
94) Hexachlorobutadiene	13.76	225	113811	46.464	ug/l	98
95) Naphthalene	13.82	128	841812	47.668	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	267401	46.088	ug/l	96

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

