

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017217.D
 Acq On : 07 Jul 2020 20:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:43 AM

Quant Time: Jul 08 03:27:56 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	275330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168298	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.46	113	139491	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.70	98	496709	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.12	95	202275	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113905	42.763	ug/l	98
3) Chloromethane	1.31	50	124116	38.495	ug/l	100
4) Vinyl Chloride	1.39	62	124571	41.642	ug/l	99
5) Bromomethane	1.62	94	56318	35.634	ug/l	98
6) Chloroethane	1.70	64	80285	45.442	ug/l	97
7) Trichlorofluoromethane	1.91	101	213646	48.290	ug/l	99
8) Diethyl Ether	2.17	74	75277	50.564	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119420	45.036	ug/l	98
10) Methyl Iodide	2.49	142	90790	26.535	ug/l	100
11) Tert butyl alcohol	3.02	59	158074	244.120	ug/l	99
12) 1,1-Dichloroethene	2.36	96	120246	44.143	ug/l	97
13) Acrolein	2.27	56	139054	359.240	ug/l	99
14) Allyl chloride	2.71	41	218713	43.446	ug/l	99
15) Acrylonitrile	3.12	53	376908	242.132	ug/l	99
16) Acetone	2.42	43	311334	245.191	ug/l	98
17) Carbon Disulfide	2.55	76	330861	43.529	ug/l	99
18) Methyl Acetate	2.75	43	168055	50.700	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	458328	50.133	ug/l	99
20) Methylene Chloride	2.83	84	148643	51.059	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	142980	47.298	ug/l	99
22) Diisopropyl ether	3.82	45	449939	48.290	ug/l	98
23) Vinyl Acetate	3.79	43	1982426	247.601	ug/l	99
24) 1,1-Dichloroethane	3.67	63	255148	48.127	ug/l	99
25) 2-Butanone	4.64	43	513329	242.622	ug/l	99
26) 2,2-Dichloropropane	4.55	77	188642	40.074	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	158105	46.160	ug/l	99
28) Bromochloromethane	4.98	49	125058	48.475	ug/l	95
29) Tetrahydrofuran	5.09	42	331571	237.188	ug/l	98
30) Chloroform	5.18	83	266248	48.991	ug/l	95
31) Cyclohexane	5.54	56	191015	41.683	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240851	48.121	ug/l	99
36) 1,1-Dichloropropene	5.77	75	184230	45.868	ug/l	99
37) Ethyl Acetate	4.79	43	198127	48.617	ug/l	99
38) Carbon Tetrachloride	5.75	117	219177	49.543	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	193480	43.294	ug/l	97
40) Benzene	6.11	78	561248	47.558	ug/l	100
41) Methacrylonitrile	5.01	41	109774	47.860	ug/l	98
42) 1,2-Dichloroethane	6.16	62	216696	50.835	ug/l	99
43) Isopropyl Acetate	6.42	43	323511	47.773	ug/l	99
44) Trichloroethene	7.19	130	166012	50.984	ug/l	97
45) 1,2-Dichloropropane	7.49	63	146413	48.304	ug/l	99
46) Dibromomethane	7.63	93	104886	50.685	ug/l	98
47) Bromodichloromethane	7.88	83	219930	51.571	ug/l	94
48) Methyl methacrylate	7.74	41	162581	50.534	ug/l	97
49) 1,4-Dioxane	7.71	88	71985	987.631	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1027251	254.478	ug/l	100
52) Toluene	8.77	92	364553	49.477	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	227811	48.416	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	242766	48.129	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	154607	51.358	ug/l	98
56) Ethyl methacrylate	9.16	69	220202	51.392	ug/l	99
57) 1,3-Dichloropropane	9.35	76	253654	49.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	587574	275.535	ug/l	99
59) 2-Hexanone	9.48	43	776731	263.465	ug/l	100
60) Dibromochloromethane	9.57	129	182890	52.307	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163054	50.390	ug/l	99
64) Tetrachloroethene	9.32	164	151703	45.712	ug/l	95
65) Chlorobenzene	10.12	112	398844	46.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	165395	50.568	ug/l	99
67) Ethyl Benzene	10.23	91	683347	48.214	ug/l	99
68) m/p-Xylenes	10.34	106	535796	98.454	ug/l	98
69) o-Xylene	10.68	106	254456	49.151	ug/l	99
70) Styrene	10.70	104	459453	52.116	ug/l	99
71) Bromoform	10.84	173	142718	55.025	ug/l #	100
73) Isopropylbenzene	11.00	105	688239	45.756	ug/l	100
74) N-amyl acetate	10.88	43	293072	45.663	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	219312	46.352	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	207827m	46.023	ug/l	
77) Bromobenzene	11.24	156	190084	45.981	ug/l	97
78) n-propylbenzene	11.34	91	777525	45.711	ug/l	100
79) 2-Chlorotoluene	11.40	91	478516	46.483	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	594305	47.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	76023	43.597	ug/l	96
82) 4-Chlorotoluene	11.49	91	577046	46.891	ug/l	100
83) tert-Butylbenzene	11.76	119	575122	46.958	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	614764	48.569	ug/l	99
85) sec-Butylbenzene	11.93	105	653172	45.369	ug/l	100
86) p-Isopropyltoluene	12.05	119	632695	47.208	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	340368	45.333	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	341755	48.260	ug/l	99
89) n-Butylbenzene	12.37	91	503263	42.054	ug/l	99
90) Hexachloroethane	12.58	117	120415	45.561	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	333293	47.490	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51451	45.584	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212320	44.324	ug/l	100
94) Hexachlorobutadiene	13.77	225	76460	42.192	ug/l	98
95) Naphthalene	13.82	128	703077	48.278	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214105	46.185	ug/l	99

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

