

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017605.D
 Acq On : 25 Jul 2020 18:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:09 AM

Quant Time: Jul 27 04:13:03 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	532351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	841169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	823808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	455317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	358407	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
35) Dibromofluoromethane	5.46	113	281246	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.70	98	1018604	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.12	95	418842	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	260681	52.838	ug/l	99
3) Chloromethane	1.32	50	308422	46.893	ug/l	98
4) Vinyl Chloride	1.39	62	302221	45.114	ug/l	100
5) Bromomethane	1.62	94	177107	49.135	ug/l	100
6) Chloroethane	1.71	64	185505	50.221	ug/l	98
7) Trichlorofluoromethane	1.92	101	491875	46.682	ug/l	98
8) Diethyl Ether	2.17	74	165878	48.518	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	259831	44.936	ug/l	98
10) Methyl Iodide	2.49	142	302705	40.920	ug/l	97
11) Tert butyl alcohol	3.02	59	388457	269.532	ug/l	100
12) 1,1-Dichloroethene	2.36	96	267729	48.690	ug/l	99
13) Acrolein	2.28	56	225177	205.392	ug/l	98
14) Allyl chloride	2.71	41	447869	44.607	ug/l	100
15) Acrylonitrile	3.12	53	805198	258.667	ug/l	100
16) Acetone	2.42	43	767071	254.860	ug/l	97
17) Carbon Disulfide	2.55	76	749107	44.822	ug/l	100
18) Methyl Acetate	2.75	43	359201	50.674	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	937936	49.283	ug/l	99
20) Methylene Chloride	2.84	84	303965	53.719	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	290083	49.245	ug/l	98
22) Diisopropyl ether	3.82	45	936808	51.029	ug/l #	88
23) Vinyl Acetate	3.79	43	4223982	258.051	ug/l	99
24) 1,1-Dichloroethane	3.67	63	528667	49.990	ug/l	100
25) 2-Butanone	4.64	43	1169659	273.560	ug/l	97
26) 2,2-Dichloropropane	4.56	77	207349	21.903	ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	319009	49.860	ug/l	94
28) Bromochloromethane	4.98	49	232636	48.543	ug/l	97
29) Tetrahydrofuran	5.09	42	742804	280.465	ug/l	99
30) Chloroform	5.18	83	559286	51.758	ug/l	98
31) Cyclohexane	5.55	56	431692	51.189	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	519773	51.010	ug/l	100
36) 1,1-Dichloropropene	5.77	75	401641	49.785	ug/l	99
37) Ethyl Acetate	4.80	43	450838	51.074	ug/l	99
38) Carbon Tetrachloride	5.76	117	481092	49.106	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	425620	45.193	ug/l	97
40) Benzene	6.12	78	1136960	49.157	ug/l	98
41) Methacrylonitrile	5.01	41	243107	48.048	ug/l	97
42) 1,2-Dichloroethane	6.17	62	476212	50.327	ug/l	99
43) Isopropyl Acetate	6.42	43	727802	49.972	ug/l	100
44) Trichloroethene	7.19	130	334704	49.517	ug/l	99
45) 1,2-Dichloropropane	7.49	63	305883	47.706	ug/l	99
46) Dibromomethane	7.64	93	217355	47.967	ug/l	99
47) Bromodichloromethane	7.88	83	455351	49.942	ug/l	99
48) Methyl methacrylate	7.74	41	367521	50.907	ug/l	99
49) 1,4-Dioxane	7.71	88	162118	1171.264	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2317149	266.647	ug/l	99
52) Toluene	8.77	92	746692	50.339	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	446860	43.782	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	465166	44.683	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	309098	50.022	ug/l	96
56) Ethyl methacrylate	9.16	69	487339	52.349	ug/l	99
57) 1,3-Dichloropropane	9.35	76	516700	50.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1206325	245.957	ug/l	100
59) 2-Hexanone	9.48	43	1805131	275.906	ug/l	99
60) Dibromochloromethane	9.57	129	392578	49.986	ug/l	99
61) 1,2-Dibromoethane	9.65	107	340456	51.751	ug/l	98
64) Tetrachloroethene	9.32	164	337073	45.588	ug/l	99
65) Chlorobenzene	10.12	112	842488	47.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	336537	46.763	ug/l	99
67) Ethyl Benzene	10.24	91	1444860	48.541	ug/l	100
68) m/p-Xylenes	10.34	106	1110373	96.294	ug/l	97
69) o-Xylene	10.68	106	536829	48.405	ug/l	100
70) Styrene	10.70	104	939457	49.788	ug/l	100
71) Bromoform	10.84	173	301865	48.415	ug/l #	97
73) Isopropylbenzene	11.00	105	1463256	46.846	ug/l	99
74) N-amyl acetate	10.88	43	679915	48.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	456789	46.852	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	440975m	47.082	ug/l	
77) Bromobenzene	11.24	156	403800	46.178	ug/l	99
78) n-propylbenzene	11.35	91	1654364	46.961	ug/l	99
79) 2-Chlorotoluene	11.40	91	1021661	46.816	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1256223	47.104	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	133194	35.833	ug/l	99
82) 4-Chlorotoluene	11.49	91	1215391	47.213	ug/l	100
83) tert-Butylbenzene	11.76	119	1235953	48.433	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1302976	49.121	ug/l	99
85) sec-Butylbenzene	11.93	105	1433277	48.214	ug/l	100
86) p-Isopropyltoluene	12.05	119	1351227	47.731	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	702170	46.760	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	712182	45.787	ug/l	99
89) n-Butylbenzene	12.37	91	1110627	44.028	ug/l	99
90) Hexachloroethane	12.58	117	261002	46.764	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	675472	45.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	119757	43.772	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	466378	46.302	ug/l	99
94) Hexachlorobutadiene	13.77	225	200680	43.282	ug/l	99
95) Naphthalene	13.82	128	1528143	50.822	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	475588	47.819	ug/l	99

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

