

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016049.D
 Acq On : 04 May 2020 20:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:33 AM

Quant Time: May 05 09:06:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	308948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	500069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	196877	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.47	113	151306	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	8.70	98	588871	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	227288	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	161652	49.433	ug/l	100
3) Chloromethane	1.31	50	181017	47.665	ug/l	99
4) Vinyl Chloride	1.39	62	197537	48.753	ug/l	98
5) Bromomethane	1.62	94	99273	48.599	ug/l	97
6) Chloroethane	1.70	64	124806	50.625	ug/l	97
7) Trichlorofluoromethane	1.91	101	267176	50.227	ug/l	99
8) Diethyl Ether	2.17	74	111176	49.604	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	153954	50.165	ug/l	100
10) Methyl Iodide	2.49	142	180588	43.808	ug/l	99
11) Tert butyl alcohol	3.02	59	252311	245.428	ug/l	100
12) 1,1-Dichloroethene	2.36	96	156627	48.770	ug/l	94
13) Acrolein	2.27	56	134473	209.031	ug/l	100
14) Allyl chloride	2.71	41	285684	48.515	ug/l	99
15) Acrylonitrile	3.12	53	515562	241.743	ug/l	100
16) Acetone	2.42	43	445852	245.789	ug/l	100
17) Carbon Disulfide	2.55	76	474128	49.157	ug/l	99
18) Methyl Acetate	2.75	43	217222	48.703	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	558449	50.442	ug/l	98
20) Methylene Chloride	2.84	84	178443	47.719	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	171937	48.042	ug/l	100
22) Diisopropyl ether	3.82	45	553645	49.837	ug/l	99
23) Vinyl Acetate	3.79	43	2482667	254.018	ug/l	100
24) 1,1-Dichloroethane	3.67	63	309293	49.770	ug/l	99
25) 2-Butanone	4.64	43	728550	249.245	ug/l	99
26) 2,2-Dichloropropane	4.56	77	247077	43.536	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	192184	49.120	ug/l	99
28) Bromochloromethane	4.98	49	137675	48.585	ug/l	100
29) Tetrahydrofuran	5.09	42	478357	246.983	ug/l	100
30) Chloroform	5.18	83	309456	50.013	ug/l	99
31) Cyclohexane	5.55	56	283361	50.173	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	283763	50.453	ug/l	99
36) 1,1-Dichloropropene	5.77	75	236519	48.049	ug/l	99
37) Ethyl Acetate	4.79	43	281504	49.341	ug/l	99
38) Carbon Tetrachloride	5.76	117	248777	49.722	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	284813	48.045	ug/l	98
40) Benzene	6.12	78	698251	48.480	ug/l	99
41) Methacrylonitrile	5.01	41	154815	50.246	ug/l	98
42) 1,2-Dichloroethane	6.17	62	255669	49.277	ug/l	99
43) Isopropyl Acetate	6.42	43	446678	49.069	ug/l	100
44) Trichloroethene	7.19	130	232871	45.511	ug/l	99
45) 1,2-Dichloropropane	7.49	63	179531	49.262	ug/l	99
46) Dibromomethane	7.64	93	122140	49.317	ug/l	99
47) Bromodichloromethane	7.88	83	251499	49.860	ug/l	99
48) Methyl methacrylate	7.74	41	213803	49.567	ug/l	100
49) 1,4-Dioxane	7.71	88	101227	978.507	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1395895	250.587	ug/l	100
52) Toluene	8.77	92	444013	49.458	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	287874	47.867	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	301335	47.970	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	177352	50.211	ug/l	99
56) Ethyl methacrylate	9.16	69	293130	50.842	ug/l	99
57) 1,3-Dichloropropane	9.35	76	306162	49.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	750281	244.438	ug/l	100
59) 2-Hexanone	9.48	43	1088431	248.804	ug/l	100
60) Dibromochloromethane	9.57	129	198039	50.908	ug/l	100
61) 1,2-Dibromoethane	9.65	107	190769	49.862	ug/l	100
64) Tetrachloroethene	9.32	164	266979	45.805	ug/l	99
65) Chlorobenzene	10.12	112	472757	47.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	181969	49.523	ug/l	98
67) Ethyl Benzene	10.24	91	849550	47.894	ug/l	100
68) m/p-Xylenes	10.34	106	644870	97.035	ug/l	100
69) o-Xylene	10.68	106	309448	48.441	ug/l	100
70) Styrene	10.70	104	534628	49.331	ug/l	100
71) Bromoform	10.84	173	146952	49.087	ug/l	99
73) Isopropylbenzene	11.00	105	839402	47.606	ug/l	99
74) N-amyl acetate	10.88	43	388952	47.292	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176311	46.324	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	257315m	46.775	ug/l	
77) Bromobenzene	11.24	156	206438	45.359	ug/l	98
78) n-propylbenzene	11.35	91	960321	46.817	ug/l	100
79) 2-Chlorotoluene	11.41	91	565336	46.691	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	703013	47.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	105394	45.657	ug/l	99
82) 4-Chlorotoluene	11.49	91	664084	46.446	ug/l	99
83) tert-Butylbenzene	11.76	119	606629	47.282	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	710771	47.224	ug/l	99
85) sec-Butylbenzene	11.93	105	804691	46.453	ug/l	100
86) p-Isopropyltoluene	12.05	119	743697	46.240	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	374664	45.848	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	372154	44.870	ug/l	99
89) n-Butylbenzene	12.37	91	670580	45.640	ug/l	100
90) Hexachloroethane	12.58	117	131253	47.518	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	357469	45.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65648	45.279	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	260813	44.770	ug/l	98
94) Hexachlorobutadiene	13.77	225	111265	44.414	ug/l	97
95) Naphthalene	13.82	128	871181	46.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	257308	45.194	ug/l	99

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

