

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082020\
 Data File : VX018039.D
 Acq On : 20 Aug 2020 17:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 10:50:55 AM

Quant Time: Aug 21 02:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	642262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	992773	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	961976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	495667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	379267	40.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.56%	
35) Dibromofluoromethane	5.46	113	306661	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	
50) Toluene-d8	8.70	98	1141460	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
62) 4-Bromofluorobenzene	11.12	95	462827	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	423040	43.715	ug/l	96
3) Chloromethane	1.31	50	372236	42.380	ug/l	99
4) Vinyl Chloride	1.39	62	393785	43.605	ug/l	99
5) Bromomethane	1.62	94	186216	37.885	ug/l	98
6) Chloroethane	1.71	64	213969	44.422	ug/l	98
7) Trichlorofluoromethane	1.91	101	562305	41.809	ug/l	100
8) Diethyl Ether	2.17	74	179290	45.740	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	305686	48.325	ug/l	100
10) Methyl Iodide	2.49	142	262388	32.167	ug/l	99
11) Tert butyl alcohol	3.02	59	382468	210.401	ug/l	99
12) 1,1-Dichloroethene	2.35	96	309409	53.447	ug/l	96
13) Acrolein	2.27	56	152955	159.286	ug/l	99
14) Allyl chloride	2.70	41	569086	55.118	ug/l	99
15) Acrylonitrile	3.12	53	927639	233.669	ug/l	99
16) Acetone	2.42	43	902191	243.572	ug/l	99
17) Carbon Disulfide	2.55	76	902831	64.277	ug/l	100
18) Methyl Acetate	2.75	43	399621	42.876	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	1061739	47.971	ug/l	100
20) Methylene Chloride	2.83	84	348474	51.064	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	336466	56.536	ug/l	97
22) Diisopropyl ether	3.82	45	1095684	50.623	ug/l	91
23) Vinyl Acetate	3.79	43	5008237	302.793	ug/l	99
24) 1,1-Dichloroethane	3.67	63	622323	51.867	ug/l	99
25) 2-Butanone	4.64	43	1385890	247.146	ug/l	95
26) 2,2-Dichloropropane	4.55	77	574227	52.556	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	385523	54.914	ug/l	100
28) Bromochloromethane	4.98	49	253424	40.871	ug/l	97
29) Tetrahydrofuran	5.09	42	855306	245.591	ug/l	98
30) Chloroform	5.18	83	640924	48.872	ug/l	98
31) Cyclohexane	5.54	56	549148	56.442	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	592362	49.791	ug/l	99
36) 1,1-Dichloropropene	5.77	75	488052	58.734	ug/l	99
37) Ethyl Acetate	4.79	43	525090	52.814	ug/l	99
38) Carbon Tetrachloride	5.75	117	543120	50.502	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	552213	51.856	ug/l	99
40) Benzene	6.11	78	1401619	56.003	ug/l	100
41) Methacrylonitrile	5.01	41	294442	51.670	ug/l	96
42) 1,2-Dichloroethane	6.16	62	525139	49.397	ug/l	99
43) Isopropyl Acetate	6.42	43	870308	54.226	ug/l	99
44) Trichloroethene	7.19	130	396943	53.482	ug/l	99
45) 1,2-Dichloropropane	7.49	63	377145	52.594	ug/l	98
46) Dibromomethane	7.63	93	258635	51.679	ug/l	93
47) Bromodichloromethane	7.88	83	534027	49.152	ug/l	99
48) Methyl methacrylate	7.74	41	444264	55.836	ug/l	98
49) 1,4-Dioxane	7.71	88	141174	866.683	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2710526	250.833	ug/l	100
52) Toluene	8.76	92	902999	55.147	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	614681	53.492	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	638988	53.332	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	372193	49.478	ug/l	95
56) Ethyl methacrylate	9.16	69	578551	54.397	ug/l	97
57) 1,3-Dichloropropane	9.35	76	616703	51.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1366619	265.342	ug/l	99
59) 2-Hexanone	9.48	43	2139157	261.249	ug/l	100
60) Dibromochloromethane	9.57	129	452797	48.196	ug/l	99
61) 1,2-Dibromoethane	9.65	107	411860	49.429	ug/l	100
64) Tetrachloroethene	9.32	164	365745	49.785	ug/l	97
65) Chlorobenzene	10.12	112	1019078	53.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	403138	49.909	ug/l	98
67) Ethyl Benzene	10.24	91	1767160	56.138	ug/l	99
68) m/p-Xylenes	10.34	106	1346520	111.109	ug/l	95
69) o-Xylene	10.68	106	645906	55.270	ug/l	99
70) Styrene	10.70	104	1136041	56.347	ug/l	99
71) Bromoform	10.84	173	355585	49.047	ug/l	99
73) Isopropylbenzene	11.01	105	1753912	54.975	ug/l	100
74) N-amyl acetate	10.88	43	820221	57.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	552636	49.655	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	536929m	50.937	ug/l	
77) Bromobenzene	11.24	156	469280	53.017	ug/l	98
78) n-propylbenzene	11.34	91	2002287	53.659	ug/l	99
79) 2-Chlorotoluene	11.40	91	1205496	53.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1462718	52.231	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	214666	53.500	ug/l	97
82) 4-Chlorotoluene	11.49	91	1435660	53.684	ug/l	99
83) tert-Butylbenzene	11.76	119	1413917	53.463	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1491494	51.445	ug/l	98
85) sec-Butylbenzene	11.93	105	1642585	51.451	ug/l	99
86) p-Isopropyltoluene	12.05	119	1522595	51.269	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	815624	50.627	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	818320	51.848	ug/l	99
89) n-Butylbenzene	12.37	91	1370810	55.771	ug/l	99
90) Hexachloroethane	12.58	117	282593	47.845	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	773491	52.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	132076	46.587	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	523788	53.536	ug/l	99
94) Hexachlorobutadiene	13.77	225	202934	48.603	ug/l	97
95) Naphthalene	13.82	128	1722991	55.790	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	514701	51.735	ug/l	97

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

