

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018063.D
 Acq On : 21 Aug 2020 16:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 8/24/2020 5:49:38 PM

Quant Time: Aug 22 00:30:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	502056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	801862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	790500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	400520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	358789	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	5.46	113	278984	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	8.70	98	1052705	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	11.12	95	411567	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	326500	53.414	ug/l	99
3) Chloromethane	1.31	50	353517	54.856	ug/l	99
4) Vinyl Chloride	1.39	62	341996	53.311	ug/l	99
5) Bromomethane	1.62	94	187268	60.521	ug/l	97
6) Chloroethane	1.71	64	187486	54.414	ug/l	95
7) Trichlorofluoromethane	1.91	101	492685	56.323	ug/l	99
8) Diethyl Ether	2.17	74	157098	52.956	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	249401	52.737	ug/l	98
10) Methyl Iodide	2.49	142	259968	51.234	ug/l	98
11) Tert butyl alcohol	3.02	59	323110	238.425	ug/l	100
12) 1,1-Dichloroethene	2.36	96	248620	50.673	ug/l	99
13) Acrolein	2.28	56	159030	283.013	ug/l	98
14) Allyl chloride	2.71	41	425065	48.221	ug/l	98
15) Acrylonitrile	3.12	53	756172	245.983	ug/l	99
16) Acetone	2.42	43	678443	249.807	ug/l	97
17) Carbon Disulfide	2.55	76	700145	47.205	ug/l	99
18) Methyl Acetate	2.75	43	340989	52.030	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	898098	53.375	ug/l	99
20) Methylene Chloride	2.84	84	275824	49.662	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	267086	49.135	ug/l	99
22) Diisopropyl ether	3.83	45	872375	50.143	ug/l	98
23) Vinyl Acetate	3.79	43	3949939	255.151	ug/l	100
24) 1,1-Dichloroethane	3.67	63	496605	50.144	ug/l	99
25) 2-Butanone	4.65	43	1082760	242.585	ug/l	100
26) 2,2-Dichloropropane	4.56	77	375047	46.543	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	301824	48.192	ug/l	99
28) Bromochloromethane	4.98	49	206140	43.122	ug/l	98
29) Tetrahydrofuran	5.09	42	734532	258.517	ug/l	99
30) Chloroform	5.18	83	534678	52.140	ug/l	97
31) Cyclohexane	5.55	56	435449	52.197	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	490461	52.118	ug/l	99
36) 1,1-Dichloropropene	5.77	75	382139	51.669	ug/l	100
37) Ethyl Acetate	4.80	43	426794	49.685	ug/l	100
38) Carbon Tetrachloride	5.76	117	448503	53.810	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	434940	53.781	ug/l	97
40) Benzene	6.12	78	1128346	51.921	ug/l	99
41) Methacrylonitrile	5.01	41	234086	49.631	ug/l	98
42) 1,2-Dichloroethane	6.17	62	426656	51.241	ug/l	99
43) Isopropyl Acetate	6.42	43	706635	50.931	ug/l	99
44) Trichloroethene	7.19	130	326178	53.118	ug/l	97
45) 1,2-Dichloropropane	7.49	63	315333	53.837	ug/l	97
46) Dibromomethane	7.64	93	218350	53.012	ug/l	98
47) Bromodichloromethane	7.88	83	448557	54.542	ug/l	99
48) Methyl methacrylate	7.75	41	368754	53.390	ug/l	100
49) 1,4-Dioxane	7.71	88	127127	1016.121	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2298728	268.220	ug/l	100
52) Toluene	8.77	92	735026	53.339	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	487427	53.476	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	499199	51.700	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	309558	52.671	ug/l	98
56) Ethyl methacrylate	9.16	69	475881	54.467	ug/l	100
57) 1,3-Dichloropropane	9.35	76	517074	53.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	988929	251.614	ug/l	100
59) 2-Hexanone	9.48	43	1780170	273.169	ug/l	100
60) Dibromochloromethane	9.57	129	384600	55.784	ug/l	99
61) 1,2-Dibromoethane	9.65	107	334916	52.489	ug/l	99
64) Tetrachloroethene	9.32	164	299457	51.550	ug/l	97
65) Chlorobenzene	10.12	112	827584	52.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	330561	53.123	ug/l	99
67) Ethyl Benzene	10.24	91	1417672	52.802	ug/l	97
68) m/p-Xylenes	10.34	106	1076533	107.424	ug/l	99
69) o-Xylene	10.68	106	504298	51.911	ug/l	99
70) Styrene	10.70	104	881955	53.310	ug/l	99
71) Bromoform	10.84	173	277349	52.255	ug/l	99
73) Isopropylbenzene	11.00	105	1422541	53.846	ug/l	100
74) N-amyl acetate	10.88	43	613382	48.934	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	425543	45.661	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	434630m	48.782	ug/l	
77) Bromobenzene	11.24	156	354997	48.612	ug/l	97
78) n-propylbenzene	11.34	91	1617137	53.909	ug/l	100
79) 2-Chlorotoluene	11.40	91	960008	51.800	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1172739	54.019	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	162845	49.364	ug/l	99
82) 4-Chlorotoluene	11.49	91	1124250	51.028	ug/l	99
83) tert-Butylbenzene	11.76	119	1186036	55.359	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1214275	54.708	ug/l	99
85) sec-Butylbenzene	11.93	105	1364672	56.012	ug/l	99
86) p-Isopropyltoluene	12.05	119	1256950	56.164	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	652069	50.858	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	640394	49.884	ug/l	99
89) n-Butylbenzene	12.37	91	993370	48.631	ug/l	98
90) Hexachloroethane	12.58	117	245595	55.777	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	584956	48.467	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	116999	50.209	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	415078	51.575	ug/l	99
94) Hexachlorobutadiene	13.77	225	150773	47.497	ug/l	96
95) Naphthalene	13.82	128	1391935	52.553	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	400860	50.408	ug/l	98

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

