

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082620\
 Data File : VX018065.D
 Acq On : 26 Aug 2020 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 12:19:20 PM

Quant Time: Aug 27 04:20:17 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	542702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	809402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	757395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	407834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	359468	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	5.46	113	283615	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.70	98	1015242	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.12	95	402864	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	324421	49.099	ug/l	99
3) Chloromethane	1.31	50	298759	42.887	ug/l	98
4) Vinyl Chloride	1.39	62	306429	44.189	ug/l	99
5) Bromomethane	1.62	94	188717	56.422	ug/l	98
6) Chloroethane	1.71	64	173574	46.603	ug/l	100
7) Trichlorofluoromethane	1.92	101	496522	52.510	ug/l	98
8) Diethyl Ether	2.17	74	150265	46.859	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	243288	47.592	ug/l	98
10) Methyl Iodide	2.49	142	278987	50.903	ug/l	96
11) Tert butyl alcohol	3.01	59	278061	189.816	ug/l	97
12) 1,1-Dichloroethene	2.36	96	230583	43.477	ug/l	99
13) Acrolein	2.27	56	133282	219.426	ug/l	97
14) Allyl chloride	2.70	41	419632	44.040	ug/l	96
15) Acrylonitrile	3.11	53	658063	198.035	ug/l	98
16) Acetone	2.42	43	630969	214.927	ug/l	95
17) Carbon Disulfide	2.55	76	674425	42.066	ug/l	99
18) Methyl Acetate	2.75	43	281922	39.795	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	823980	45.302	ug/l	98
20) Methylene Chloride	2.83	84	267376	44.412	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	257945	43.899	ug/l	94
22) Diisopropyl ether	3.82	45	822995	43.762	ug/l	98
23) Vinyl Acetate	3.78	43	3711609	221.799	ug/l	100
24) 1,1-Dichloroethane	3.67	63	474293	44.304	ug/l	100
25) 2-Butanone	4.64	43	950971	197.102	ug/l	100
26) 2,2-Dichloropropane	4.55	77	462449	53.092	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	284569	42.033	ug/l	97
28) Bromochloromethane	4.98	49	228599	44.238	ug/l	97
29) Tetrahydrofuran	5.08	42	584971	190.460	ug/l	98
30) Chloroform	5.17	83	497185	44.852	ug/l	96
31) Cyclohexane	5.55	56	403584	44.754	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	473016	46.499	ug/l	99
36) 1,1-Dichloropropene	5.76	75	369143	49.447	ug/l	99
37) Ethyl Acetate	4.79	43	360904	41.623	ug/l	99
38) Carbon Tetrachloride	5.75	117	443497	52.714	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	425148	52.080	ug/l	98
40) Benzene	6.11	78	1027331	46.832	ug/l	99
41) Methacrylonitrile	4.99	41	198019	41.593	ug/l	97
42) 1,2-Dichloroethane	6.16	62	421303	50.127	ug/l	99
43) Isopropyl Acetate	6.41	43	609274	43.505	ug/l	99
44) Trichloroethene	7.18	130	303063	48.894	ug/l	97
45) 1,2-Dichloropropane	7.49	63	278179	47.051	ug/l	95
46) Dibromomethane	7.63	93	191929	46.163	ug/l	98
47) Bromodichloromethane	7.87	83	411886	49.616	ug/l	97
48) Methyl methacrylate	7.74	41	304205	43.634	ug/l	99
49) 1,4-Dioxane	7.71	88	111731	884.742	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1857341	214.699	ug/l	100
52) Toluene	8.76	92	666622	47.924	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	452338	49.164	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	470850	48.310	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	271251	45.723	ug/l	99
56) Ethyl methacrylate	9.16	69	402308	45.617	ug/l	99
57) 1,3-Dichloropropane	9.35	76	454115	46.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	882445	222.429	ug/l	99
59) 2-Hexanone	9.47	43	1485529	225.832	ug/l	100
60) Dibromochloromethane	9.56	129	343005	49.287	ug/l	100
61) 1,2-Dibromoethane	9.65	107	298595	46.361	ug/l	100
64) Tetrachloroethene	9.32	164	308401	55.410	ug/l	96
65) Chlorobenzene	10.12	112	731894	48.384	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	303284	50.869	ug/l	99
67) Ethyl Benzene	10.23	91	1299640	50.521	ug/l	100
68) m/p-Xylenes	10.34	106	1007055	104.884	ug/l	98
69) o-Xylene	10.68	106	471294	50.634	ug/l	96
70) Styrene	10.70	104	828439	52.264	ug/l	99
71) Bromoform	10.84	173	262437	51.606	ug/l	98
73) Isopropylbenzene	11.00	105	1328798	49.396	ug/l	99
74) N-amyl acetate	10.88	43	562376	44.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395827	41.711	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	393084m	43.327	ug/l	
77) Bromobenzene	11.24	156	349836	47.046	ug/l	96
78) n-propylbenzene	11.34	91	1543564	50.534	ug/l	100
79) 2-Chlorotoluene	11.40	91	916859	48.585	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1168448	52.856	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	157728	46.955	ug/l	97
82) 4-Chlorotoluene	11.49	91	1098744	48.976	ug/l	99
83) tert-Butylbenzene	11.76	119	1078670	49.444	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1171464	51.832	ug/l	99
85) sec-Butylbenzene	11.93	105	1318177	53.133	ug/l	99
86) p-Isopropyltoluene	12.05	119	1264422	55.485	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	651473	49.900	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	646744	49.475	ug/l	96
89) n-Butylbenzene	12.37	91	1103116	53.036	ug/l	99
90) Hexachloroethane	12.58	117	242951	54.187	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	607392	49.424	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	102031	43.000	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	423503	51.678	ug/l	98
94) Hexachlorobutadiene	13.76	225	171970	53.202	ug/l	96
95) Naphthalene	13.82	128	1315815	48.788	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	416618	51.451	ug/l	99

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

