

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017741.D
 Acq On : 03 Aug 2020 12:54
 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
 8/4/2020 9:51:04 AM

Quant Time: Aug 04 06:59:54 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	503055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	731892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	720019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	387857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	314079	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.46	113	247440	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.70	98	902185	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.12	95	347235	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	234208	50.186	ug/l	99
3) Chloromethane	1.31	50	282981	45.541	ug/l	99
4) Vinyl Chloride	1.39	62	294322	46.494	ug/l	99
5) Bromomethane	1.62	94	173804	51.152	ug/l	97
6) Chloroethane	1.70	64	182857	52.421	ug/l	98
7) Trichlorofluoromethane	1.91	101	498933	50.109	ug/l	98
8) Diethyl Ether	2.17	74	167822	52.044	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273441	50.044	ug/l	97
10) Methyl Iodide	2.49	142	326943	46.771	ug/l	98
11) Tert butyl alcohol	3.02	59	312187	229.227	ug/l	100
12) 1,1-Dichloroethene	2.36	96	252430	48.581	ug/l	99
13) Acrolein	2.27	56	322321	308.987	ug/l	100
14) Allyl chloride	2.70	41	481179	50.716	ug/l	98
15) Acrylonitrile	3.12	53	730531	248.347	ug/l	100
16) Acetone	2.42	43	636250	223.706	ug/l	100
17) Carbon Disulfide	2.55	76	681154	43.129	ug/l	99
18) Methyl Acetate	2.75	43	360784	53.862	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	901070	50.103	ug/l	100
20) Methylene Chloride	2.83	84	290970	54.434	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	275949	49.574	ug/l	99
22) Diisopropyl ether	3.82	45	883027	50.901	ug/l	99
23) Vinyl Acetate	3.78	43	3919362	253.386	ug/l	99
24) 1,1-Dichloroethane	3.67	63	503008	50.334	ug/l	98
25) 2-Butanone	4.64	43	907049	224.495	ug/l	96
26) 2,2-Dichloropropane	4.55	77	462689	51.723	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	294747	48.751	ug/l	98
28) Bromochloromethane	4.98	49	211070	46.608	ug/l	97
29) Tetrahydrofuran	5.09	42	586069	234.173	ug/l	100
30) Chloroform	5.18	83	505349	49.490	ug/l	96
31) Cyclohexane	5.55	56	375532	47.123	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	480093	49.860	ug/l	99
36) 1,1-Dichloropropene	5.77	75	355168	50.598	ug/l	100
37) Ethyl Acetate	4.79	43	385007	50.128	ug/l	100
38) Carbon Tetrachloride	5.75	117	441419	51.784	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	410706	50.120	ug/l	99
40) Benzene	6.12	78	1023752	50.871	ug/l	99
41) Methacrylonitrile	5.00	41	209043	47.485	ug/l	97
42) 1,2-Dichloroethane	6.16	62	423793	51.474	ug/l	100
43) Isopropyl Acetate	6.41	43	599666	47.321	ug/l	100
44) Trichloroethene	7.18	130	314102	53.407	ug/l	99
45) 1,2-Dichloropropane	7.49	63	279217	50.049	ug/l	100
46) Dibromomethane	7.63	93	194288	49.279	ug/l	97
47) Bromodichloromethane	7.87	83	411670	51.893	ug/l	99
48) Methyl methacrylate	7.74	41	306582	48.807	ug/l	97
49) 1,4-Dioxane	7.71	88	108100	897.605	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1887375	249.618	ug/l	99
52) Toluene	8.76	92	671353	52.018	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	457930	51.566	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	477557	52.722	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	276176	51.368	ug/l	99
56) Ethyl methacrylate	9.16	69	433836	53.560	ug/l	98
57) 1,3-Dichloropropane	9.35	76	453100	51.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1004302	235.339	ug/l	98
59) 2-Hexanone	9.47	43	1435709	252.206	ug/l	99
60) Dibromochloromethane	9.57	129	364812	53.386	ug/l	97
61) 1,2-Dibromoethane	9.65	107	303766	53.069	ug/l	99
64) Tetrachloroethene	9.32	164	319815	49.489	ug/l	94
65) Chlorobenzene	10.12	112	784752	50.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	319936	50.865	ug/l	100
67) Ethyl Benzene	10.23	91	1300814	50.002	ug/l	98
68) m/p-Xylenes	10.34	106	1034091	102.605	ug/l	97
69) o-Xylene	10.68	106	498246	51.402	ug/l	98
70) Styrene	10.70	104	876516	53.148	ug/l	99
71) Bromoform	10.84	173	280335	51.443	ug/l	98
73) Isopropylbenzene	11.00	105	1378440	51.806	ug/l	98
74) N-amyl acetate	10.88	43	563827	47.693	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	375313	45.190	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	386220m	48.408	ug/l	
77) Bromobenzene	11.24	156	356184	47.817	ug/l	99
78) n-propylbenzene	11.34	91	1602923	53.414	ug/l	98
79) 2-Chlorotoluene	11.40	91	909696	48.936	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1163928	51.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	145916	46.084	ug/l	95
82) 4-Chlorotoluene	11.49	91	1098508	50.095	ug/l	100
83) tert-Butylbenzene	11.76	119	1104930	50.830	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1175378	52.018	ug/l	99
85) sec-Butylbenzene	11.93	105	1291902	51.017	ug/l	100
86) p-Isopropyltoluene	12.05	119	1282367	53.177	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	648150	50.670	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	647217	48.848	ug/l	100
89) n-Butylbenzene	12.37	91	1144001	53.239	ug/l	99
90) Hexachloroethane	12.58	117	252395	53.088	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	647800	51.527	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	109744	46.894	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	487254	56.788	ug/l	98
94) Hexachlorobutadiene	13.77	225	227418	57.580	ug/l	99
95) Naphthalene	13.82	128	1476996	57.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	481622	56.849	ug/l	100

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

