

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021920\
 Data File : VX014957.D
 Acq On : 19 Feb 2020 10:17
 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
 2/20/2020 1:41:21 PM

Quant Time: Feb 20 00:28:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	448958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	247024	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.49	113	207850	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	8.71	98	784280	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	287342	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	220553	51.874	ug/l	100
3) Chloromethane	1.32	50	234765	48.703	ug/l	97
4) Vinyl Chloride	1.41	62	254137	48.941	ug/l	98
5) Bromomethane	1.63	94	163934	48.773	ug/l	99
6) Chloroethane	1.72	64	161844	48.710	ug/l	99
7) Trichlorofluoromethane	1.92	101	361959	49.890	ug/l	100
8) Diethyl Ether	2.18	74	147767	49.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	211881	50.313	ug/l	99
10) Methyl Iodide	2.50	142	244008	51.801	ug/l	100
11) Tert butyl alcohol	3.02	59	215783	241.200	ug/l	99
12) 1,1-Dichloroethene	2.37	96	202925	49.312	ug/l	98
13) Acrolein	2.28	56	153338	224.886	ug/l	97
14) Allyl chloride	2.72	41	350463	48.035	ug/l	99
15) Acrylonitrile	3.13	53	558722	246.357	ug/l	99
16) Acetone	2.43	43	706304	259.936	ug/l	100
17) Carbon Disulfide	2.56	76	525930	45.742	ug/l	99
18) Methyl Acetate	2.76	43	263607	51.657	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	675878	50.466	ug/l	99
20) Methylene Chloride	2.85	84	229591	47.104	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	216136	47.599	ug/l	96
22) Diisopropyl ether	3.84	45	719038	51.600	ug/l	97
23) Vinyl Acetate	3.80	43	3032187	263.964	ug/l	100
24) 1,1-Dichloroethane	3.69	63	391154	49.737	ug/l	99
25) 2-Butanone	4.65	43	882280	255.771	ug/l	99
26) 2,2-Dichloropropane	4.57	77	329685	48.644	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	252180	49.683	ug/l	99
28) Bromochloromethane	5.00	49	155973	51.166	ug/l	100
29) Tetrahydrofuran	5.11	42	497613	253.764	ug/l	99
30) Chloroform	5.20	83	394071	50.504	ug/l	100
31) Cyclohexane	5.57	56	351731	49.103	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	344032	50.404	ug/l	100
36) 1,1-Dichloropropene	5.79	75	300488	50.795	ug/l	99
37) Ethyl Acetate	4.81	43	305751	49.555	ug/l	99
38) Carbon Tetrachloride	5.78	117	294833	51.142	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	375813	50.796	ug/l	98
40) Benzene	6.13	78	891197	50.421	ug/l	100
41) Methacrylonitrile	5.03	41	171733	51.666	ug/l	98
42) 1,2-Dichloroethane	6.18	62	321438	50.317	ug/l	100
43) Isopropyl Acetate	6.43	43	518139	50.907	ug/l	99
44) Trichloroethene	7.20	130	255896	49.872	ug/l	100
45) 1,2-Dichloropropane	7.50	63	230723	51.184	ug/l	99
46) Dibromomethane	7.65	93	154748	50.222	ug/l	98
47) Bromodichloromethane	7.89	83	313682	51.344	ug/l	100
48) Methyl methacrylate	7.76	41	260247	51.956	ug/l	100
49) 1,4-Dioxane	7.73	88	99322	1060.532	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1584086	257.750	ug/l	100
52) Toluene	8.78	92	566628	50.474	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	343364	51.282	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	376650	50.921	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	229240	50.472	ug/l	99
56) Ethyl methacrylate	9.17	69	363384	53.229	ug/l	99
57) 1,3-Dichloropropane	9.36	76	388421	50.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	925647	259.262	ug/l	99
59) 2-Hexanone	9.48	43	1271793	263.274	ug/l	100
60) Dibromochloromethane	9.57	129	253343	51.832	ug/l	98
61) 1,2-Dibromoethane	9.67	107	245763	50.150	ug/l	99
64) Tetrachloroethene	9.33	164	266740	46.505	ug/l	98
65) Chlorobenzene	10.13	112	624669	50.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	234629	51.940	ug/l	100
67) Ethyl Benzene	10.25	91	1105414	52.237	ug/l	100
68) m/p-Xylenes	10.35	106	848136	104.039	ug/l	99
69) o-Xylene	10.69	106	409307	52.232	ug/l	99
70) Styrene	10.71	104	702870	53.018	ug/l	100
71) Bromoform	10.85	173	195776	51.922	ug/l #	98
73) Isopropylbenzene	11.01	105	1097362	53.743	ug/l	100
74) N-amyl acetate	10.89	43	456097	53.760	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	342101	51.254	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	289220m	49.121	ug/l	
77) Bromobenzene	11.25	156	288897	50.692	ug/l	99
78) n-propylbenzene	11.35	91	1259476	53.331	ug/l	100
79) 2-Chlorotoluene	11.42	91	728231	52.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	918447	53.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116760	50.761	ug/l	97
82) 4-Chlorotoluene	11.51	91	857333	52.145	ug/l	100
83) tert-Butylbenzene	11.76	119	889938	55.084	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	928817	54.022	ug/l	99
85) sec-Butylbenzene	11.94	105	1089321	54.275	ug/l	99
86) p-Isopropyltoluene	12.06	119	1008019	53.671	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	518012	50.667	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	523045	50.097	ug/l	100
89) n-Butylbenzene	12.39	91	886107	52.679	ug/l	100
90) Hexachloroethane	12.59	117	177672	54.170	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	517379	51.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74266	47.427	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	379464	51.276	ug/l	98
94) Hexachlorobutadiene	13.78	225	192134	53.677	ug/l	99
95) Naphthalene	13.83	128	1065034	54.127	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	371819	52.004	ug/l	99

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

