

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015094.D
 Acq On : 04 Mar 2020 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:12 PM

Quant Time: Mar 05 08:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	385740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	596832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	558313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	293924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	223079	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.49	113	180172	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.71	98	707416	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	252156	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	164889	48.815	ug/l	99
3) Chloromethane	1.32	50	231580	48.400	ug/l	98
4) Vinyl Chloride	1.40	62	234980	48.432	ug/l	99
5) Bromomethane	1.63	94	144774	48.536	ug/l	96
6) Chloroethane	1.72	64	145334	49.936	ug/l	99
7) Trichlorofluoromethane	1.92	101	282480	48.931	ug/l	96
8) Diethyl Ether	2.18	74	127696	48.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176968	48.723	ug/l	99
10) Methyl Iodide	2.50	142	197873	48.220	ug/l	100
11) Tert butyl alcohol	3.03	59	174457	219.723	ug/l	99
12) 1,1-Dichloroethene	2.37	96	182540	48.696	ug/l	97
13) Acrolein	2.28	56	166862	223.628	ug/l	100
14) Allyl chloride	2.72	41	317084	48.513	ug/l	100
15) Acrylonitrile	3.13	53	494467	250.066	ug/l	100
16) Acetone	2.43	43	400796	216.258	ug/l	100
17) Carbon Disulfide	2.56	76	491974	47.259	ug/l	100
18) Methyl Acetate	2.76	43	210916	46.542	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	591884	50.529	ug/l	100
20) Methylene Chloride	2.85	84	202958	46.794	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	193339	48.304	ug/l	95
22) Diisopropyl ether	3.84	45	658825	50.593	ug/l	99
23) Vinyl Acetate	3.81	43	2796880	261.285	ug/l	100
24) 1,1-Dichloroethane	3.69	63	347553	48.089	ug/l	98
25) 2-Butanone	4.66	43	657727	242.412	ug/l	100
26) 2,2-Dichloropropane	4.58	77	266291	46.413	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	222464	49.543	ug/l	100
28) Bromochloromethane	5.01	49	163678	49.734	ug/l	100
29) Tetrahydrofuran	5.11	42	435576	249.043	ug/l	99
30) Chloroform	5.20	83	348096	49.416	ug/l	99
31) Cyclohexane	5.58	56	319041	49.490	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	296712	50.813	ug/l	98
36) 1,1-Dichloropropene	5.79	75	264984	48.027	ug/l	99
37) Ethyl Acetate	4.82	43	272337	53.211	ug/l	99
38) Carbon Tetrachloride	5.78	117	255482	49.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	316231	49.084	ug/l	97
40) Benzene	6.14	78	804792	49.164	ug/l	99
41) Methacrylonitrile	5.03	41	151076	49.144	ug/l	99
42) 1,2-Dichloroethane	6.18	62	282507	50.255	ug/l	99
43) Isopropyl Acetate	6.43	43	449750	49.952	ug/l	100
44) Trichloroethene	7.21	130	218860	48.008	ug/l	95
45) 1,2-Dichloropropane	7.51	63	208930	49.310	ug/l	99
46) Dibromomethane	7.65	93	133859	48.485	ug/l	98
47) Bromodichloromethane	7.89	83	275067	50.383	ug/l	99
48) Methyl methacrylate	7.76	41	225355	49.177	ug/l	99
49) 1,4-Dioxane	7.73	88	83619	843.963	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1366658	256.724	ug/l	99
52) Toluene	8.78	92	507882	50.743	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	298922	51.440	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	332669	50.638	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	203815	49.474	ug/l	98
56) Ethyl methacrylate	9.17	69	316774	53.909	ug/l	99
57) 1,3-Dichloropropane	9.37	76	345999	49.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	824007	257.408	ug/l	99
59) 2-Hexanone	9.48	43	1009098	255.749	ug/l	99
60) Dibromochloromethane	9.57	129	224723	51.929	ug/l	98
61) 1,2-Dibromoethane	9.67	107	212759	49.170	ug/l	100
64) Tetrachloroethene	9.33	164	220699	47.810	ug/l	96
65) Chlorobenzene	10.14	112	553443	49.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	204432	48.368	ug/l	99
67) Ethyl Benzene	10.25	91	970003	50.962	ug/l	98
68) m/p-Xylenes	10.35	106	741406	102.380	ug/l	100
69) o-Xylene	10.70	106	356755	51.454	ug/l	99
70) Styrene	10.71	104	615049	51.736	ug/l	100
71) Bromoform	10.85	173	168728	51.479	ug/l	98
73) Isopropylbenzene	11.01	105	944162	50.285	ug/l	100
74) N-amyl acetate	10.89	43	404759	51.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	300730	48.060	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	286332m	48.838	ug/l	
77) Bromobenzene	11.25	156	246657	47.138	ug/l	98
78) n-propylbenzene	11.35	91	1093470	50.975	ug/l	100
79) 2-Chlorotoluene	11.42	91	637024	49.727	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	785674	50.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	99529	48.178	ug/l	99
82) 4-Chlorotoluene	11.51	91	739010	48.829	ug/l	100
83) tert-Butylbenzene	11.76	119	769094	50.888	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	800011	50.949	ug/l	99
85) sec-Butylbenzene	11.94	105	909276	49.838	ug/l	100
86) p-Isopropyltoluene	12.06	119	850191	50.580	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	443025	48.161	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	442317	46.574	ug/l	99
89) n-Butylbenzene	12.39	91	760595	50.876	ug/l	99
90) Hexachloroethane	12.59	117	153104	48.179	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	440732	48.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63582	50.743	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	310221	48.867	ug/l	99
94) Hexachlorobutadiene	13.78	225	146190	44.877	ug/l	98
95) Naphthalene	13.83	128	898638	46.298	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	315999	49.890	ug/l	98

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

