

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014981.D
 Acq On : 20 Feb 2020 16:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 9:15:34 AM

Quant Time: Feb 21 01:22:42 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	437923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	646150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	599822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	233848	47.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	5.48	113	195886	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	745715	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	272683	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	202523	48.834	ug/l	100
3) Chloromethane	1.32	50	219690	46.724	ug/l	100
4) Vinyl Chloride	1.40	62	236433	46.679	ug/l	97
5) Bromomethane	1.63	94	158010	48.195	ug/l	97
6) Chloroethane	1.72	64	150885	46.556	ug/l	98
7) Trichlorofluoromethane	1.92	101	346191	48.919	ug/l	98
8) Diethyl Ether	2.18	74	140589	47.907	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201654	49.091	ug/l	100
10) Methyl Iodide	2.50	142	229690	50.143	ug/l	98
11) Tert butyl alcohol	3.02	59	213343	244.482	ug/l	100
12) 1,1-Dichloroethene	2.36	96	190824	47.540	ug/l	99
13) Acrolein	2.28	56	136468	205.188	ug/l	100
14) Allyl chloride	2.72	41	332864	46.772	ug/l	99
15) Acrylonitrile	3.12	53	549455	248.376	ug/l	99
16) Acetone	2.43	43	557769	208.269	ug/l	99
17) Carbon Disulfide	2.56	76	483214	43.086	ug/l	100
18) Methyl Acetate	2.76	43	256770	51.585	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	658556	50.412	ug/l	99
20) Methylene Chloride	2.84	84	219772	46.226	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	207132	46.766	ug/l	99
22) Diisopropyl ether	3.84	45	691007	50.838	ug/l	93
23) Vinyl Acetate	3.80	43	2946632	262.980	ug/l	99
24) 1,1-Dichloroethane	3.69	63	378133	49.293	ug/l	99
25) 2-Butanone	4.65	43	794241	236.050	ug/l	99
26) 2,2-Dichloropropane	4.57	77	319732	48.364	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	242113	48.902	ug/l	99
28) Bromochloromethane	5.00	49	144491	48.594	ug/l	99
29) Tetrahydrofuran	5.11	42	481346	251.654	ug/l	99
30) Chloroform	5.19	83	381217	50.088	ug/l	97
31) Cyclohexane	5.56	56	332174	47.542	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	324073	48.676	ug/l	99
36) 1,1-Dichloropropene	5.79	75	284809	49.275	ug/l	99
37) Ethyl Acetate	4.81	43	305919	50.746	ug/l	99
38) Carbon Tetrachloride	5.77	117	281903	50.047	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	353746	48.936	ug/l	98
40) Benzene	6.13	78	846802	49.034	ug/l	97
41) Methacrylonitrile	5.02	41	170524	52.507	ug/l	98
42) 1,2-Dichloroethane	6.18	62	308249	49.385	ug/l	100
43) Isopropyl Acetate	6.42	43	510499	51.334	ug/l	99
44) Trichloroethene	7.20	130	242251	48.321	ug/l	99
45) 1,2-Dichloropropane	7.50	63	220681	50.106	ug/l	98
46) Dibromomethane	7.65	93	146765	48.750	ug/l	99
47) Bromodichloromethane	7.89	83	298271	49.967	ug/l	99
48) Methyl methacrylate	7.76	41	252149	51.521	ug/l	100
49) 1,4-Dioxane	7.73	88	91956	1004.930	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1541911	256.778	ug/l	100
52) Toluene	8.78	92	545043	49.691	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	332445	50.817	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	367216	50.811	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	222619	50.165	ug/l	98
56) Ethyl methacrylate	9.17	69	349675	52.423	ug/l	99
57) 1,3-Dichloropropane	9.36	76	373935	50.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	891795	255.644	ug/l	100
59) 2-Hexanone	9.48	43	1181406	250.304	ug/l	99
60) Dibromochloromethane	9.57	129	244773	51.254	ug/l	97
61) 1,2-Dibromoethane	9.67	107	237354	49.571	ug/l	98
64) Tetrachloroethene	9.33	164	243981	43.505	ug/l	98
65) Chlorobenzene	10.13	112	595820	48.974	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	226714	51.330	ug/l	100
67) Ethyl Benzene	10.25	91	1054427	50.962	ug/l	99
68) m/p-Xylenes	10.36	106	798948	100.236	ug/l	100
69) o-Xylene	10.69	106	392399	51.214	ug/l	98
70) Styrene	10.70	104	671762	51.825	ug/l	100
71) Bromoform	10.85	173	195081	52.915	ug/l	99
73) Isopropylbenzene	11.01	105	1046643	52.519	ug/l	100
74) N-amyl acetate	10.89	43	447804	54.079	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	335792	51.545	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	287149m	49.968	ug/l	
77) Bromobenzene	11.25	156	280648	50.455	ug/l	97
78) n-propylbenzene	11.35	91	1197626	51.958	ug/l	99
79) 2-Chlorotoluene	11.42	91	692049	51.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	881899	52.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113876	50.723	ug/l	97
82) 4-Chlorotoluene	11.50	91	818698	51.018	ug/l	100
83) tert-Butylbenzene	11.76	119	863960	54.790	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	885042	52.740	ug/l	100
85) sec-Butylbenzene	11.94	105	1031426	52.654	ug/l	99
86) p-Isopropyltoluene	12.06	119	968015	52.808	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	496419	49.747	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	498123	48.882	ug/l	99
89) n-Butylbenzene	12.38	91	843329	51.368	ug/l	99
90) Hexachloroethane	12.59	117	172308	53.825	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	496722	50.759	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73301	47.961	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	365565	50.611	ug/l	98
94) Hexachlorobutadiene	13.78	225	178773	51.171	ug/l	99
95) Naphthalene	13.83	128	1032966	53.787	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	355724	50.975	ug/l	99

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

