

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014740.D
 Acq On : 28 Jan 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
 1/29/2020 10:55:45 AM

Quant Time: Jan 28 23:36:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	679412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	618819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	250375	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	5.48	113	206163	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
50) Toluene-d8	8.71	98	799092	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.13	95	286515	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	291573	46.497	ug/l	99
3) Chloromethane	1.32	50	286373	45.274	ug/l	99
4) Vinyl Chloride	1.41	62	330451	48.318	ug/l	99
5) Bromomethane	1.63	94	205281	44.191	ug/l	100
6) Chloroethane	1.72	64	186465	47.588	ug/l	98
7) Trichlorofluoromethane	1.92	101	368353	46.256	ug/l	99
8) Diethyl Ether	2.18	74	159354	45.846	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	226168	48.380	ug/l	99
10) Methyl Iodide	2.50	142	304727	49.677	ug/l	99
11) Tert butyl alcohol	3.03	59	237166	193.474	ug/l	99
12) 1,1-Dichloroethene	2.37	96	213184	45.866	ug/l	96
13) Acrolein	2.28	56	303060	313.552	ug/l	99
14) Allyl chloride	2.72	41	386047	46.209	ug/l	99
15) Acrylonitrile	3.13	53	626497	220.886	ug/l	99
16) Acetone	2.43	43	607132	202.917	ug/l	98
17) Carbon Disulfide	2.56	76	567161	44.646	ug/l	99
18) Methyl Acetate	2.76	43	381759	44.693	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	719036	47.230	ug/l	100
20) Methylene Chloride	2.85	84	249207	45.006	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	232467	45.424	ug/l	99
22) Diisopropyl ether	3.84	45	795897	47.883	ug/l	97
23) Vinyl Acetate	3.80	43	3098755	244.565	ug/l	100
24) 1,1-Dichloroethane	3.69	63	424474	47.024	ug/l	99
25) 2-Butanone	4.65	43	915513	213.534	ug/l	97
26) 2,2-Dichloropropane	4.57	77	345609	47.834	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	264026	46.096	ug/l	100
28) Bromochloromethane	5.00	49	172365	43.453	ug/l	97
29) Tetrahydrofuran	5.11	42	564901	221.994	ug/l	99
30) Chloroform	5.20	83	421687	47.158	ug/l	98
31) Cyclohexane	5.57	56	393717	46.374	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	355474	47.030	ug/l	99
36) 1,1-Dichloropropene	5.79	75	324926	51.469	ug/l	99
37) Ethyl Acetate	4.81	43	339529	46.957	ug/l	99
38) Carbon Tetrachloride	5.78	117	310575	51.511	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	408409	51.640	ug/l	97
40) Benzene	6.13	78	968193	49.635	ug/l	100
41) Methacrylonitrile	5.03	41	195383	47.351	ug/l	99
42) 1,2-Dichloroethane	6.18	62	340883	50.607	ug/l	100
43) Isopropyl Acetate	6.43	43	564070	47.639	ug/l	100
44) Trichloroethene	7.20	130	268217	48.680	ug/l	99
45) 1,2-Dichloropropane	7.50	63	254027	50.550	ug/l	98
46) Dibromomethane	7.65	93	162069	49.796	ug/l	99
47) Bromodichloromethane	7.89	83	329066	51.551	ug/l	97
48) Methyl methacrylate	7.76	41	280301	49.547	ug/l	98
49) 1,4-Dioxane	7.73	88	104441	870.912	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1767426	236.505	ug/l	99
52) Toluene	8.78	92	612264	51.062	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	357821	52.059	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	404558	53.503	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	248451	50.609	ug/l	97
56) Ethyl methacrylate	9.17	69	384746	46.363	ug/l	100
57) 1,3-Dichloropropane	9.36	76	416609	49.643	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	643775	260.756	ug/l	99
59) 2-Hexanone	9.48	43	1407718	242.751	ug/l	99
60) Dibromochloromethane	9.57	129	264809	51.679	ug/l	99
61) 1,2-Dibromoethane	9.67	107	258428	49.789	ug/l	99
64) Tetrachloroethene	9.33	164	289971	47.338	ug/l	97
65) Chlorobenzene	10.13	112	663023	50.092	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246476	50.505	ug/l	100
67) Ethyl Benzene	10.25	91	1173633	51.929	ug/l	100
68) m/p-Xylenes	10.36	106	898570	104.947	ug/l	99
69) o-Xylene	10.69	106	428354	51.822	ug/l	100
70) Styrene	10.71	104	749791	54.075	ug/l	100
71) Bromoform	10.85	173	201138	51.827	ug/l #	100
73) Isopropylbenzene	11.01	105	1158674	51.184	ug/l	100
74) N-amyl acetate	10.89	43	493298	49.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	368166	45.550	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	313810m	41.895	ug/l	
77) Bromobenzene	11.25	156	297266	48.880	ug/l	98
78) n-propylbenzene	11.35	91	1337353	52.046	ug/l	99
79) 2-Chlorotoluene	11.42	91	787617	50.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	973285	51.802	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124327	47.235	ug/l	98
82) 4-Chlorotoluene	11.51	91	912806	51.571	ug/l	100
83) tert-Butylbenzene	11.76	119	912653	51.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	981618	52.088	ug/l	99
85) sec-Butylbenzene	11.94	105	1142625	52.830	ug/l	100
86) p-Isopropyltoluene	12.06	119	1064780	53.271	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	538532	49.273	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	535228	48.888	ug/l	99
89) n-Butylbenzene	12.39	91	928774	53.352	ug/l	99
90) Hexachloroethane	12.59	117	184329	49.649	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	538393	49.598	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	77371	44.554	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	369412	52.784	ug/l	99
94) Hexachlorobutadiene	13.78	225	186093	51.663	ug/l	98
95) Naphthalene	13.83	128	1066574	47.311	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	371035	52.431	ug/l	97

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

