

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011320\
 Data File : VX014576.D
 Acq On : 13 Jan 2020 10:37
 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
 1/14/2020 3:08:49 PM

Quant Time: Jan 14 13:16:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	483303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	726043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	656961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	262781	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.48	113	217170	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	855900	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	306689	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	338387	56.362	ug/l	99
3) Chloromethane	1.32	50	344212	55.873	ug/l	100
4) Vinyl Chloride	1.40	62	400938	58.404	ug/l	97
5) Bromomethane	1.63	94	251985	55.375	ug/l	97
6) Chloroethane	1.72	64	215472	57.801	ug/l	100
7) Trichlorofluoromethane	1.92	101	434438	55.788	ug/l	99
8) Diethyl Ether	2.18	74	187550	52.790	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	266299	56.209	ug/l	100
10) Methyl Iodide	2.50	142	345798	60.955	ug/l	99
11) Tert butyl alcohol	3.03	59	285068	253.050	ug/l	99
12) 1,1-Dichloroethene	2.37	96	258070	54.065	ug/l	99
13) Acrolein	2.28	56	214993	238.103	ug/l	100
14) Allyl chloride	2.72	41	471837	56.302	ug/l	100
15) Acrylonitrile	3.13	53	743288	273.377	ug/l	99
16) Acetone	2.43	43	775130	287.154	ug/l	99
17) Carbon Disulfide	2.56	76	707654	53.132	ug/l	99
18) Methyl Acetate	2.76	43	450156	58.051	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	866734	56.564	ug/l	100
20) Methylene Chloride	2.84	84	300648	55.392	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	276061	52.975	ug/l	98
22) Diisopropyl ether	3.84	45	942036	58.167	ug/l	95
23) Vinyl Acetate	3.80	43	3704019	295.404	ug/l	100
24) 1,1-Dichloroethane	3.69	63	500821	56.845	ug/l	100
25) 2-Butanone	4.65	43	1094905	271.678	ug/l	99
26) 2,2-Dichloropropane	4.57	77	425431	57.003	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	317773	54.549	ug/l	97
28) Bromochloromethane	5.00	49	196220	52.855	ug/l	95
29) Tetrahydrofuran	5.11	42	668499	280.554	ug/l	98
30) Chloroform	5.20	83	488454	56.736	ug/l	100
31) Cyclohexane	5.56	56	484758	58.783	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	424890	57.657	ug/l	99
36) 1,1-Dichloropropene	5.79	75	383317	56.141	ug/l	99
37) Ethyl Acetate	4.81	43	407594	54.959	ug/l	99
38) Carbon Tetrachloride	5.77	117	365086	58.106	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	500333	58.327	ug/l	97
40) Benzene	6.13	78	1146059	56.554	ug/l	100
41) Methacrylonitrile	5.02	41	228079	57.669	ug/l	98
42) 1,2-Dichloroethane	6.18	62	391059	55.192	ug/l	100
43) Isopropyl Acetate	6.43	43	681773	56.906	ug/l	99
44) Trichloroethene	7.20	130	318547	54.699	ug/l	95
45) 1,2-Dichloropropane	7.50	63	298673	57.810	ug/l	99
46) Dibromomethane	7.65	93	190365	52.791	ug/l	99
47) Bromodichloromethane	7.89	83	388610	59.226	ug/l	99
48) Methyl methacrylate	7.76	41	336812	58.698	ug/l	100
49) 1,4-Dioxane	7.73	88	120693	992.671	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2077454	284.557	ug/l	99
52) Toluene	8.78	92	722960	55.731	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	434127	56.830	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	488853	59.241	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	290054	55.668	ug/l	99
56) Ethyl methacrylate	9.17	69	466753	58.471	ug/l	98
57) 1,3-Dichloropropane	9.36	76	493344	56.628	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	839063	308.936	ug/l	99
59) 2-Hexanone	9.48	43	1622438	280.864	ug/l	99
60) Dibromochloromethane	9.57	129	312243	59.621	ug/l	100
61) 1,2-Dibromoethane	9.67	107	305335	55.321	ug/l	98
64) Tetrachloroethene	9.33	164	336876	51.164	ug/l	97
65) Chlorobenzene	10.13	112	783884	54.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	294628	57.907	ug/l	99
67) Ethyl Benzene	10.24	91	1402516	57.715	ug/l	99
68) m/p-Xylenes	10.35	106	1070464	114.183	ug/l	98
69) o-Xylene	10.70	106	512722	57.320	ug/l	99
70) Styrene	10.71	104	891234	57.735	ug/l	99
71) Bromoform	10.85	173	239446	57.520	ug/l #	99
73) Isopropylbenzene	11.01	105	1382280	58.004	ug/l	100
74) N-amyl acetate	10.89	43	602465	57.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	432092	56.539	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	362172m	51.580	ug/l	
77) Bromobenzene	11.25	156	353438	53.480	ug/l	99
78) n-propylbenzene	11.35	91	1595713	58.468	ug/l	99
79) 2-Chlorotoluene	11.42	91	923374	56.768	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1162264	58.744	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156183	58.808	ug/l	99
82) 4-Chlorotoluene	11.51	91	1075470	56.328	ug/l	98
83) tert-Butylbenzene	11.76	119	1095401	58.596	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1162611	58.153	ug/l	100
85) sec-Butylbenzene	11.94	105	1367635	58.849	ug/l	100
86) p-Isopropyltoluene	12.06	119	1264724	58.646	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	643440	54.251	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	634580	57.033	ug/l	98
89) n-Butylbenzene	12.38	91	1134001	57.512	ug/l	99
90) Hexachloroethane	12.59	117	221613	58.503	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	628461	54.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	91674	53.328	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	450861	55.295	ug/l	99
94) Hexachlorobutadiene	13.77	225	222112	58.139	ug/l	97
95) Naphthalene	13.83	128	1308619	51.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	443462	55.434	ug/l	99

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

