

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011620\
 Data File : VX014629.D
 Acq On : 16 Jan 2020 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 11:23:24 AM

Quant Time: Jan 17 06:15:08 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	468489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	694974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	632657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	236236	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.48	113	194210	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
50) Toluene-d8	8.71	98	760019	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.13	95	270172	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	285141	49.028	ug/l	99
3) Chloromethane	1.32	50	291444	48.803	ug/l	100
4) Vinyl Chloride	1.41	62	336146	50.514	ug/l	99
5) Bromomethane	1.63	94	203714	46.183	ug/l	96
6) Chloroethane	1.72	64	183840	50.717	ug/l	98
7) Trichlorofluoromethane	1.92	101	365651	48.439	ug/l	98
8) Diethyl Ether	2.18	74	158508	46.026	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223634	48.696	ug/l	99
10) Methyl Iodide	2.50	142	302699	55.045	ug/l	100
11) Tert butyl alcohol	3.03	59	241670	221.309	ug/l	99
12) 1,1-Dichloroethene	2.37	96	213689	46.183	ug/l	97
13) Acrolein	2.28	56	209872	239.781	ug/l	98
14) Allyl chloride	2.72	41	391402	48.181	ug/l	99
15) Acrylonitrile	3.13	53	642773	243.883	ug/l	99
16) Acetone	2.43	43	699338	266.974	ug/l	99
17) Carbon Disulfide	2.56	76	576385	44.644	ug/l	100
18) Methyl Acetate	2.76	43	387812	51.593	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	732119	49.290	ug/l	99
20) Methylene Chloride	2.85	84	251493	47.801	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	233862	46.296	ug/l	97
22) Diisopropyl ether	3.84	45	811886	51.716	ug/l	94
23) Vinyl Acetate	3.80	43	3130262	257.540	ug/l	99
24) 1,1-Dichloroethane	3.69	63	431385	50.512	ug/l	100
25) 2-Butanone	4.65	43	963408	246.609	ug/l	98
26) 2,2-Dichloropropane	4.57	77	346632	47.913	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	268369	47.525	ug/l	98
28) Bromochloromethane	5.00	49	175095	48.656	ug/l	96
29) Tetrahydrofuran	5.11	42	576190	249.460	ug/l	98
30) Chloroform	5.19	83	421584	50.518	ug/l	99
31) Cyclohexane	5.57	56	397923	49.779	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	356338	49.884	ug/l	99
36) 1,1-Dichloropropene	5.79	75	321064	49.126	ug/l	99
37) Ethyl Acetate	4.81	43	352306	49.627	ug/l	98
38) Carbon Tetrachloride	5.77	117	303135	50.403	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	408912	49.801	ug/l	98
40) Benzene	6.13	78	984107	50.734	ug/l	98
41) Methacrylonitrile	5.02	41	197404	52.144	ug/l	97
42) 1,2-Dichloroethane	6.18	62	339627	50.076	ug/l	99
43) Isopropyl Acetate	6.43	43	578244	50.423	ug/l	99
44) Trichloroethene	7.20	130	271548	48.713	ug/l	97
45) 1,2-Dichloropropane	7.50	63	255489	51.662	ug/l	99
46) Dibromomethane	7.65	93	163353	47.325	ug/l	98
47) Bromodichloromethane	7.89	83	328631	52.324	ug/l	98
48) Methyl methacrylate	7.76	41	291671	53.103	ug/l	98
49) 1,4-Dioxane	7.73	88	106735	917.115	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1796754	257.111	ug/l	99
52) Toluene	8.78	92	615569	49.574	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	363190	49.669	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	406937	51.518	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	250875	50.301	ug/l	97
56) Ethyl methacrylate	9.17	69	392612	51.382	ug/l	98
57) 1,3-Dichloropropane	9.36	76	421056	50.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	700081	269.287	ug/l	98
59) 2-Hexanone	9.48	43	1405616	254.208	ug/l	98
60) Dibromochloromethane	9.57	129	262974	52.458	ug/l	99
61) 1,2-Dibromoethane	9.67	107	262448	49.676	ug/l	99
64) Tetrachloroethene	9.33	164	292162	46.078	ug/l	99
65) Chlorobenzene	10.13	112	663162	48.302	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	246765	50.363	ug/l	99
67) Ethyl Benzene	10.25	91	1179246	50.392	ug/l	99
68) m/p-Xylenes	10.36	106	905759	100.326	ug/l	99
69) o-Xylene	10.70	106	434877	50.485	ug/l	100
70) Styrene	10.71	104	757539	50.959	ug/l	99
71) Bromoform	10.85	173	198219	49.446	ug/l	98
73) Isopropylbenzene	11.01	105	1166285	51.209	ug/l	100
74) N-amyl acetate	10.89	43	504195	50.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	371636	50.882	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	315863m	47.070	ug/l	
77) Bromobenzene	11.25	156	303119	47.992	ug/l	99
78) n-propylbenzene	11.35	91	1338438	51.315	ug/l	99
79) 2-Chlorotoluene	11.42	91	779498	50.144	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	973877	51.504	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	125844	49.580	ug/l	96
82) 4-Chlorotoluene	11.51	91	911315	49.943	ug/l	99
83) tert-Butylbenzene	11.76	119	910063	50.938	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	977879	51.180	ug/l	100
85) sec-Butylbenzene	11.94	105	1142608	51.445	ug/l	100
86) p-Isopropyltoluene	12.06	119	1059869	51.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	542932	47.898	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	543364	51.037	ug/l	100
89) n-Butylbenzene	12.39	91	940206	49.893	ug/l	99
90) Hexachloroethane	12.59	117	184922	51.080	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	538432	48.483	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	79192	48.202	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	371842	47.702	ug/l	99
94) Hexachlorobutadiene	13.78	225	186377	51.054	ug/l	99
95) Naphthalene	13.83	128	1103482	45.613	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	370969	48.488	ug/l	99

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

