

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010109.D
 Acq On : 07 Jun 2019 15:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:52:44 AM

Quant Time: Jun 08 02:56:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	285954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	441606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	416948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148187	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	5.49	113	139636	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	8.71	98	509119	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	203078	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132156	50.227	ug/l	99
3) Chloromethane	1.32	50	129043	49.384	ug/l	99
4) Vinyl Chloride	1.41	62	113752	46.318	ug/l	98
5) Bromomethane	1.64	94	48251	52.064	ug/l	100
6) Chloroethane	1.71	64	65852	53.183	ug/l	98
7) Trichlorofluoromethane	1.92	101	170882	46.842	ug/l	100
8) Diethyl Ether	2.18	74	67670	53.819	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117839	46.860	ug/l	91
10) Methyl Iodide	2.51	142	199670	51.247	ug/l	96
11) Tert butyl alcohol	3.05	59	191641	280.269	ug/l	100
12) 1,1-Dichloroethene	2.37	96	116799	45.474	ug/l #	80
13) Acrolein	2.29	56	35156	281.970	ug/l	99
14) Allyl chloride	2.72	41	192038	49.532	ug/l #	90
15) Acrylonitrile	3.14	53	387515	277.267	ug/l	99
16) Acetone	2.45	43	341453	260.089	ug/l #	88
17) Carbon Disulfide	2.57	76	336455	45.335	ug/l	99
18) Methyl Acetate	2.78	43	155112	53.724	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	443714	53.772	ug/l	94
20) Methylene Chloride	2.85	84	147305	51.091	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	130798	46.016	ug/l #	79
22) Diisopropyl ether	3.85	45	399328	53.871	ug/l #	86
23) Vinyl Acetate	3.81	43	1848055	279.461	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	221794	49.280	ug/l	95
25) 2-Butanone	4.67	43	547423	280.022	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	183103	44.595	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	161499	51.073	ug/l	78
28) Bromochloromethane	5.02	49	103688	51.405	ug/l #	50
29) Tetrahydrofuran	5.13	42	341297	277.797	ug/l #	74
30) Chloroform	5.21	83	238204	50.962	ug/l	98
31) Cyclohexane	5.58	56	192538	47.401	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	203135	46.228	ug/l	93
36) 1,1-Dichloropropene	5.80	75	165616	45.968	ug/l	93
37) Ethyl Acetate	4.83	43	201810	53.835	ug/l #	91
38) Carbon Tetrachloride	5.78	117	182775	44.820	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223848	45.628	ug/l #	83
40) Benzene	6.14	78	545182	48.936	ug/l	97
41) Methacrylonitrile	5.04	41	107967	53.244	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	187164	52.624	ug/l	95
43) Isopropyl Acetate	6.44	43	335348	53.504	ug/l #	88
44) Trichloroethene	7.21	130	157378	46.865	ug/l	89
45) 1,2-Dichloropropane	7.51	63	142423	51.077	ug/l	100
46) Dibromomethane	7.66	93	106703	51.078	ug/l	91
47) Bromodichloromethane	7.90	83	202304	51.826	ug/l	98
48) Methyl methacrylate	7.77	41	162042	55.281	ug/l #	79
49) 1,4-Dioxane	7.74	88	90207	1079.385	ug/l #	81
51) 4-Methyl-2-Pentanone	8.64	43	1051339	280.782	ug/l	90
52) Toluene	8.78	92	357109	48.764	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	237775	52.662	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	247580	51.148	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	160362	53.468	ug/l	97
56) Ethyl methacrylate	9.18	69	261006	55.092	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	247818	52.484	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	584730	261.805	ug/l #	87
59) 2-Hexanone	9.49	43	823736	275.922	ug/l	88
60) Dibromochloromethane	9.58	129	187928	52.974	ug/l	99
61) 1,2-Dibromoethane	9.67	107	177300	53.078	ug/l	99
64) Tetrachloroethene	9.34	164	139161	44.938	ug/l	98
65) Chlorobenzene	10.13	112	416764	48.430	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	162496	49.102	ug/l	99
67) Ethyl Benzene	10.25	91	684019	46.692	ug/l	93
68) m/p-Xylenes	10.36	106	530202	93.528	ug/l	92
69) o-Xylene	10.69	106	269194	47.770	ug/l	90
70) Styrene	10.71	104	468949	49.135	ug/l	96
71) Bromoform	10.85	173	156035	51.288	ug/l #	98
73) Isopropylbenzene	11.02	105	685155	46.258	ug/l	95
74) N-amyl acetate	10.90	43	299934	51.227	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	251896	49.682	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	217222m	51.183	ug/l	
77) Bromobenzene	11.26	156	197028	48.373	ug/l	84
78) n-propylbenzene	11.36	91	776785	47.108	ug/l	95
79) 2-Chlorotoluene	11.42	91	468579	47.314	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	580130	46.502	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	99191	51.639	ug/l #	84
82) 4-Chlorotoluene	11.51	91	543213	48.285	ug/l	93
83) tert-Butylbenzene	11.77	119	586466	46.446	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	594131	47.149	ug/l	96
85) sec-Butylbenzene	11.94	105	668915	45.471	ug/l	96
86) p-Isopropyltoluene	12.06	119	626172	46.561	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	341150	47.551	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	341663	47.241	ug/l	98
89) n-Butylbenzene	12.38	91	539743	46.625	ug/l	97
90) Hexachloroethane	12.59	117	123741	46.190	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	338523	48.535	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59560	49.920	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245543	48.093	ug/l	99
94) Hexachlorobutadiene	13.78	225	103021	45.372	ug/l	99
95) Naphthalene	13.83	128	809755	50.383	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	245622	48.656	ug/l	99

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

