

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070618\
 Data File : VX003209.D
 Acq On : 06 Jul 2018 10:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:56:51 PM

Quant Time: Jul 06 15:25:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155622	40.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.76%	
35) Dibromofluoromethane	5.51	113	133787	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	8.72	98	472099	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
62) 4-Bromofluorobenzene	11.14	95	188164	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126371	50.765	ug/l	98
3) Chloromethane	1.32	50	128135	49.561	ug/l	98
4) Vinyl Chloride	1.40	62	145263	46.066	ug/l	99
5) Bromomethane	1.64	94	59442	39.829	ug/l	96
6) Chloroethane	1.71	64	89655	48.392	ug/l	97
7) Trichlorofluoromethane	1.92	101	233475	43.893	ug/l	99
8) Diethyl Ether	2.19	74	84813	43.860	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140159	45.475	ug/l	98
10) Methyl Iodide	2.51	142	153983	49.356	ug/l	97
11) Tert butyl alcohol	3.08	59	164531	214.299	ug/l	100
12) 1,1-Dichloroethene	2.37	96	121251	44.092	ug/l	94
13) Acrolein	2.29	56	97911	230.368	ug/l	99
14) Allyl chloride	2.73	41	239111	44.110	ug/l	95
15) Acrylonitrile	3.15	53	367422	224.050	ug/l	99
16) Acetone	2.45	43	327110	204.945	ug/l	95
17) Carbon Disulfide	2.57	76	316526	43.200	ug/l	98
18) Methyl Acetate	2.78	43	181542	40.682	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	429624	43.457	ug/l	99
20) Methylene Chloride	2.86	84	140268	45.161	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	132066	44.093	ug/l	95
22) Diisopropyl ether	3.87	45	475109	45.852	ug/l	97
23) Vinyl Acetate	3.82	43	1990838	226.900	ug/l	98
24) 1,1-Dichloroethane	3.70	63	246638	43.793	ug/l	99
25) 2-Butanone	4.71	43	553378	233.617	ug/l	95
26) 2,2-Dichloropropane	4.58	77	220348	48.116	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	159585	47.521	ug/l	93
28) Bromochloromethane	5.02	49	114662	42.535	ug/l	89
29) Tetrahydrofuran	5.17	42	355560	234.073	ug/l	96
30) Chloroform	5.21	83	270504	46.802	ug/l	97
31) Cyclohexane	5.57	56	228794	47.337	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	239288	47.056	ug/l	99
36) 1,1-Dichloropropene	5.80	75	199718	50.979	ug/l	98
37) Ethyl Acetate	4.87	43	215299	51.041	ug/l	99
38) Carbon Tetrachloride	5.78	117	217610	50.617	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241673	52.960	ug/l	96
40) Benzene	6.15	78	583623	51.272	ug/l	99
41) Methacrylonitrile	5.07	41	122155	50.291	ug/l	96
42) 1,2-Dichloroethane	6.20	62	215825	46.937	ug/l	98
43) Isopropyl Acetate	6.47	43	346238	48.943	ug/l	97
44) Trichloroethene	7.21	130	176293	51.946	ug/l	96
45) 1,2-Dichloropropane	7.52	63	152037	50.352	ug/l	98
46) Dibromomethane	7.67	93	103965	49.613	ug/l	96
47) Bromodichloromethane	7.90	83	197029	50.861	ug/l	97
48) Methyl methacrylate	7.78	41	179217	49.166	ug/l	94
49) 1,4-Dioxane	7.76	88	74234	1046.751	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1128109	254.874	ug/l	97
52) Toluene	8.79	92	378518	51.907	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	237790	54.200	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	222570	52.724	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	155332	51.838	ug/l	98
56) Ethyl methacrylate	9.18	69	231317	52.820	ug/l	92
57) 1,3-Dichloropropane	9.37	76	252389	51.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	534653	253.058	ug/l	97
59) 2-Hexanone	9.50	43	865545	257.304	ug/l	95
60) Dibromochloromethane	9.59	129	169138	53.619	ug/l	99
61) 1,2-Dibromoethane	9.68	107	167824	53.395	ug/l	100
64) Tetrachloroethene	9.34	164	201501	52.320	ug/l	98
65) Chlorobenzene	10.14	112	450153	51.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	167620	52.450	ug/l	99
67) Ethyl Benzene	10.26	91	759565	52.266	ug/l	100
68) m/p-Xylenes	10.36	106	605098	108.036	ug/l	96
69) o-Xylene	10.70	106	287523	52.721	ug/l	97
70) Styrene	10.71	104	484183	54.638	ug/l	98
71) Bromoform	10.86	173	136931	47.623	ug/l	99
73) Isopropylbenzene	11.02	105	778828	52.213	ug/l	99
74) N-amyl acetate	6.47	43	346238	47.440	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	227051	49.414	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	204312m	50.870	ug/l	
77) Bromobenzene	11.26	156	215241	50.671	ug/l	96
78) n-propylbenzene	11.36	91	884508	52.094	ug/l	99
79) 2-Chlorotoluene	11.42	91	516811	50.276	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	653332	52.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66801	48.374	ug/l	95
82) 4-Chlorotoluene	11.51	91	614363	50.485	ug/l	99
83) tert-Butylbenzene	11.77	119	646942	52.250	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	667927	51.312	ug/l	97
85) sec-Butylbenzene	11.95	105	782096	52.069	ug/l	99
86) p-Isopropyltoluene	12.07	119	720000	53.317	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	396757	51.140	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	404539	50.669	ug/l	98
89) n-Butylbenzene	12.39	91	613936	52.233	ug/l	98
90) Hexachloroethane	12.60	117	105986	52.766	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	394621	50.396	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50468	48.859	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	306105	53.714	ug/l	99
94) Hexachlorobutadiene	13.79	225	161066	56.667	ug/l	99
95) Naphthalene	13.84	128	817132	53.835	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305727	53.710	ug/l	99

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

