

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011419\
 Data File : VX007030.D
 Acq On : 14 Jan 2019 10:56
 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
 1/15/2019 11:13:37 AM

Quant Time: Jan 14 23:57:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	629732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	900097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	852440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	459365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	327851	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.50	113	300469	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	8.71	98	1119876	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	11.13	95	417091	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	279930	54.131	ug/l	96
3) Chloromethane	1.33	50	303794	50.463	ug/l	98
4) Vinyl Chloride	1.41	62	326404	50.403	ug/l	99
5) Bromomethane	1.64	94	321747	46.503	ug/l	96
6) Chloroethane	1.71	64	205583	45.465	ug/l	98
7) Trichlorofluoromethane	1.93	101	513966	49.120	ug/l	98
8) Diethyl Ether	2.19	74	192020	46.128	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	304298	48.576	ug/l	99
10) Methyl Iodide	2.51	142	460853	54.538	ug/l	100
11) Tert butyl alcohol	3.07	59	360539	232.236	ug/l	99
12) 1,1-Dichloroethene	2.37	96	276811	47.827	ug/l	98
13) Acrolein	2.30	56	117934	177.049	ug/l	97
14) Allyl chloride	2.73	41	490167	49.417	ug/l	99
15) Acrylonitrile	3.15	53	844083	236.842	ug/l	100
16) Acetone	2.45	43	794809	244.290	ug/l	100
17) Carbon Disulfide	2.57	76	720108	48.326	ug/l	100
18) Methyl Acetate	2.78	43	445632	47.296	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	966461	48.110	ug/l	99
20) Methylene Chloride	2.86	84	314551	50.840	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	302031	46.828	ug/l	99
22) Diisopropyl ether	3.87	45	912595	48.939	ug/l	93
23) Vinyl Acetate	3.82	43	3819773	242.895	ug/l	99
24) 1,1-Dichloroethane	3.70	63	529118	50.744	ug/l	99
25) 2-Butanone	4.70	43	1121140	240.828	ug/l	98
26) 2,2-Dichloropropane	4.59	77	419694	52.343	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	334652	47.040	ug/l	97
28) Bromochloromethane	5.02	49	228667	50.053	ug/l	96
29) Tetrahydrofuran	5.15	42	697443	230.529	ug/l	98
30) Chloroform	5.21	83	527056	48.278	ug/l	98
31) Cyclohexane	5.58	56	454751	49.000	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	462918	50.026	ug/l	98
36) 1,1-Dichloropropene	5.80	75	392327	50.134	ug/l	99
37) Ethyl Acetate	4.85	43	413320	49.265	ug/l	98
38) Carbon Tetrachloride	5.78	117	411481	52.262	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	510620	51.182	ug/l	97
40) Benzene	6.14	78	1173880	49.161	ug/l	99
41) Methacrylonitrile	5.06	41	231992	48.000	ug/l	97
42) 1,2-Dichloroethane	6.20	62	400187	48.499	ug/l	99
43) Isopropyl Acetate	6.46	43	681481	51.496	ug/l	98
44) Trichloroethene	7.21	130	353415	49.392	ug/l	98
45) 1,2-Dichloropropane	7.51	63	301048	50.149	ug/l	98
46) Dibromomethane	7.66	93	211417	50.111	ug/l	97
47) Bromodichloromethane	7.90	83	387068	53.899	ug/l	97
48) Methyl methacrylate	7.77	41	346843	51.036	ug/l	98
49) 1,4-Dioxane	7.75	88	156007	1005.245	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2211784	260.064	ug/l	100
52) Toluene	8.79	92	777326	50.649	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	451358	56.681	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	484626	55.108	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	324378	52.805	ug/l	98
56) Ethyl methacrylate	9.18	69	485672	54.156	ug/l	95
57) 1,3-Dichloropropane	9.37	76	513502	51.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1168333	253.383	ug/l	99
59) 2-Hexanone	9.49	43	1706374	263.284	ug/l	99
60) Dibromochloromethane	9.58	129	350855	58.819	ug/l	100
61) 1,2-Dibromoethane	9.67	107	351897	52.034	ug/l	99
64) Tetrachloroethene	9.34	164	359941	48.771	ug/l	95
65) Chlorobenzene	10.14	112	924187	49.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	334766	53.525	ug/l	99
67) Ethyl Benzene	10.25	91	1545915	50.366	ug/l	99
68) m/p-Xylenes	10.36	106	1236954	102.289	ug/l	99
69) o-Xylene	10.70	106	606276	51.408	ug/l	98
70) Styrene	10.71	104	977483	52.332	ug/l	99
71) Bromoform	10.86	173	270233	48.455	ug/l	100
73) Isopropylbenzene	11.02	105	1605647	49.570	ug/l	99
74) N-amyl acetate	10.90	43	633161	48.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	480465	46.723	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	448427m	48.172	ug/l	
77) Bromobenzene	11.26	156	433521	48.573	ug/l	99
78) n-propylbenzene	11.36	91	1836048	51.634	ug/l	99
79) 2-Chlorotoluene	11.42	91	1049473	49.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1339443	49.489	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	149906	48.704	ug/l	95
82) 4-Chlorotoluene	11.51	91	1243311	50.166	ug/l	99
83) tert-Butylbenzene	11.77	119	1368182	50.666	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1370597	50.358	ug/l	100
85) sec-Butylbenzene	11.94	105	1639130	50.825	ug/l	100
86) p-Isopropyltoluene	12.06	119	1475201	51.139	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	790353	48.993	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	784810	51.342	ug/l	100
89) n-Butylbenzene	12.39	91	1299641	52.850	ug/l	99
90) Hexachloroethane	12.60	117	240178	52.028	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	774225	48.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	105020	51.638	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	568362	52.037	ug/l	99
94) Hexachlorobutadiene	13.78	225	260118	53.667	ug/l	99
95) Naphthalene	13.83	128	1623141	49.042	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	549833	50.676	ug/l	98

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

