

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070618\
 Data File : VX003220.D
 Acq On : 06 Jul 2018 18:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:56:53 PM

Quant Time: Jul 07 00:07:34 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	271353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148995	39.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.46%	
35) Dibromofluoromethane	5.50	113	134226	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.72	98	442039	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
62) 4-Bromofluorobenzene	11.14	95	177670	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125829	51.948	ug/l	100
3) Chloromethane	1.32	50	123500	49.074	ug/l	98
4) Vinyl Chloride	1.40	62	142446	46.418	ug/l	96
5) Bromomethane	1.64	94	76678	53.731	ug/l	98
6) Chloroethane	1.72	64	93563	52.054	ug/l	95
7) Trichlorofluoromethane	1.93	101	231289	44.681	ug/l	99
8) Diethyl Ether	2.19	74	87770	46.640	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141758	47.262	ug/l	96
10) Methyl Iodide	2.51	142	136327	45.464	ug/l	97
11) Tert butyl alcohol	3.07	59	155787	208.505	ug/l	99
12) 1,1-Dichloroethene	2.37	96	122620	45.820	ug/l	90
13) Acrolein	2.29	56	78344	190.165	ug/l	99
14) Allyl chloride	2.73	41	244262	46.303	ug/l	94
15) Acrylonitrile	3.15	53	367357	230.188	ug/l	99
16) Acetone	2.45	43	334138	215.122	ug/l	93
17) Carbon Disulfide	2.57	76	318801	44.711	ug/l	99
18) Methyl Acetate	2.78	43	186243	42.886	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	444126	46.163	ug/l	97
20) Methylene Chloride	2.86	84	144869	47.928	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	136042	46.673	ug/l	87
22) Diisopropyl ether	3.88	45	469483	46.558	ug/l	92
23) Vinyl Acetate	3.82	43	2007334	235.089	ug/l	98
24) 1,1-Dichloroethane	3.70	63	255013	46.529	ug/l	99
25) 2-Butanone	4.71	43	546228	236.957	ug/l	98
26) 2,2-Dichloropropane	4.58	77	227663	51.084	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	161328	49.364	ug/l	92
28) Bromochloromethane	5.02	49	120645	45.989	ug/l	88
29) Tetrahydrofuran	5.17	42	346369	234.311	ug/l	96
30) Chloroform	5.21	83	276246	49.113	ug/l	93
31) Cyclohexane	5.57	56	223258	47.465	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	245779	49.665	ug/l	98
36) 1,1-Dichloropropene	5.80	75	198325	53.670	ug/l	99
37) Ethyl Acetate	4.86	43	210915	53.011	ug/l	98
38) Carbon Tetrachloride	5.78	117	218404	53.859	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	225715	52.440	ug/l	95
40) Benzene	6.14	78	561611	52.307	ug/l	98
41) Methacrylonitrile	5.06	41	121261	52.927	ug/l	98
42) 1,2-Dichloroethane	6.20	62	206770	47.674	ug/l	99
43) Isopropyl Acetate	6.47	43	328935	49.295	ug/l	97
44) Trichloroethene	7.21	130	166917	52.144	ug/l	97
45) 1,2-Dichloropropane	7.52	63	147796	51.893	ug/l	99
46) Dibromomethane	7.67	93	99360	50.270	ug/l	94
47) Bromodichloromethane	7.90	83	192836	52.774	ug/l	98
48) Methyl methacrylate	7.78	41	169622	49.334	ug/l	94
49) 1,4-Dioxane	7.76	88	67440	1008.183	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1056233	252.997	ug/l	97
52) Toluene	8.79	92	361078	52.496	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227398	54.951	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	211404	53.093	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	149378	52.851	ug/l	97
56) Ethyl methacrylate	9.18	69	221467	53.614	ug/l	92
57) 1,3-Dichloropropane	9.38	76	242583	52.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	513993	257.921	ug/l	96
59) 2-Hexanone	9.50	43	802814	253.019	ug/l	96
60) Dibromochloromethane	9.59	129	161898	54.413	ug/l	100
61) 1,2-Dibromoethane	9.68	107	157340	53.072	ug/l	100
64) Tetrachloroethene	9.34	164	184689	51.343	ug/l	98
65) Chlorobenzene	10.14	112	421251	51.266	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	157595	52.797	ug/l	100
67) Ethyl Benzene	10.26	91	707338	52.111	ug/l	99
68) m/p-Xylenes	10.36	106	556655	106.408	ug/l	97
69) o-Xylene	10.70	106	268261	52.665	ug/l	98
70) Styrene	10.71	104	452148	54.628	ug/l	98
71) Bromoform	10.86	173	129214	48.074	ug/l	99
73) Isopropylbenzene	11.02	105	740984	52.773	ug/l	100
74) N-amyl acetate	6.47	43	328935	47.879	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	219547	50.760	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	220264m	58.261	ug/l	
77) Bromobenzene	11.26	156	205157	51.308	ug/l	95
78) n-propylbenzene	11.36	91	837616	52.408	ug/l	98
79) 2-Chlorotoluene	11.42	91	489941	50.634	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	616801	52.156	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61419	47.328	ug/l	94
82) 4-Chlorotoluene	11.51	91	582876	50.883	ug/l	98
83) tert-Butylbenzene	11.77	119	618336	53.053	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	638584	52.117	ug/l	98
85) sec-Butylbenzene	11.95	105	743618	52.593	ug/l	99
86) p-Isopropyltoluene	12.07	119	683251	53.750	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	377832	51.737	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380044	50.569	ug/l	99
89) n-Butylbenzene	12.39	91	580651	52.481	ug/l	98
90) Hexachloroethane	12.60	117	100442	53.123	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	375938	51.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47263	48.608	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289701	54.004	ug/l	100
94) Hexachlorobutadiene	13.79	225	148505	55.505	ug/l	100
95) Naphthalene	13.84	128	775949	54.309	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	304103	56.756	ug/l	100

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

