

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX004995.D
 Acq On : 04 Oct 2018 03:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:47 PM

Quant Time: Oct 04 08:55:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180009	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.51	113	157159	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	8.72	98	557101	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	208124	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	194630	49.971	ug/l	95
3) Chloromethane	1.32	50	211735	44.808	ug/l	99
4) Vinyl Chloride	1.40	62	213329	48.134	ug/l	98
5) Bromomethane	1.64	94	130467	49.643	ug/l	93
6) Chloroethane	1.71	64	126567	52.519	ug/l	95
7) Trichlorofluoromethane	1.92	101	263947	48.106	ug/l	98
8) Diethyl Ether	2.19	74	112624	47.249	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155375	49.713	ug/l	99
10) Methyl Iodide	2.51	142	191340	45.750	ug/l	97
11) Tert butyl alcohol	3.08	59	265754	232.916	ug/l	99
12) 1,1-Dichloroethene	2.37	96	148284	47.907	ug/l	94
13) Acrolein	2.29	56	108717	133.920	ug/l	90
14) Allyl chloride	2.73	41	317604	47.028	ug/l	98
15) Acrylonitrile	3.15	53	623458	248.217	ug/l	97
16) Acetone	2.45	43	538426	226.005	ug/l	97
17) Carbon Disulfide	2.57	76	407135	43.774	ug/l	99
18) Methyl Acetate	2.78	43	338205	56.032	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	549760	51.493	ug/l	100
20) Methylene Chloride	2.85	84	180564	52.165	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	158843	46.880	ug/l	88
22) Diisopropyl ether	3.87	45	585411	51.477	ug/l	98
23) Vinyl Acetate	3.82	43	2563159	246.228	ug/l	96
24) 1,1-Dichloroethane	3.69	63	319977	47.168	ug/l	99
25) 2-Butanone	4.71	43	832371	237.030	ug/l	96
26) 2,2-Dichloropropane	4.57	77	159922	33.854	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	186647	49.310	ug/l	96
28) Bromochloromethane	5.01	49	154444	48.347	ug/l	98
29) Tetrahydrofuran	5.16	42	545598	249.973	ug/l	100
30) Chloroform	5.21	83	299945	46.784	ug/l	100
31) Cyclohexane	5.57	56	265469	51.130	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	256397	48.969	ug/l	95
36) 1,1-Dichloropropene	5.80	75	214873	46.674	ug/l	97
37) Ethyl Acetate	4.86	43	310612	50.828	ug/l	98
38) Carbon Tetrachloride	5.78	117	216356	44.708	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	242989	51.690	ug/l #	84
40) Benzene	6.14	78	677016	46.973	ug/l	96
41) Methacrylonitrile	5.06	41	168987	49.863	ug/l	97
42) 1,2-Dichloroethane	6.20	62	229247	44.994	ug/l	99
43) Isopropyl Acetate	6.46	43	442189	50.133	ug/l #	93
44) Trichloroethene	7.21	130	175147	49.433	ug/l	97
45) 1,2-Dichloropropane	7.52	63	176695	49.992	ug/l	99
46) Dibromomethane	7.66	93	111277	50.096	ug/l	99
47) Bromodichloromethane	7.90	83	211526	50.862	ug/l	98
48) Methyl methacrylate	7.77	41	220586	55.099	ug/l	98
49) 1,4-Dioxane	7.76	88	99533	1000.728	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1499764	270.048	ug/l	98
52) Toluene	8.79	92	404084	51.023	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	228749	48.673	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	250156	50.818	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	172005	49.582	ug/l	96
56) Ethyl methacrylate	9.18	69	275314	48.969	ug/l	95
57) 1,3-Dichloropropane	9.37	76	283139	49.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	753913	252.094	ug/l	99
59) 2-Hexanone	9.50	43	1188994	256.914	ug/l	97
60) Dibromochloromethane	9.59	129	173640	50.050	ug/l	99
61) 1,2-Dibromoethane	9.68	107	178312	47.995	ug/l	96
64) Tetrachloroethene	9.34	164	186578	51.963	ug/l	96
65) Chlorobenzene	10.14	112	457913	48.949	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	164552	50.034	ug/l	99
67) Ethyl Benzene	10.26	91	770262	51.862	ug/l	97
68) m/p-Xylenes	10.36	106	599472	103.289	ug/l	96
69) o-Xylene	10.70	106	291738	54.727	ug/l	98
70) Styrene	10.71	104	490795	49.259	ug/l	99
71) Bromoform	10.86	173	142096	50.467	ug/l	96
73) Isopropylbenzene	11.02	105	770691	55.559	ug/l	99
74) N-amyl acetate	10.90	43	383752	50.320	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	275168	48.731	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	256900m	52.081	ug/l	
77) Bromobenzene	11.26	156	210426	52.226	ug/l	98
78) n-propylbenzene	11.36	91	878888	55.220	ug/l	100
79) 2-Chlorotoluene	11.42	91	529820	53.405	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	652870	51.356	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	75207	41.918	ug/l	96
82) 4-Chlorotoluene	11.51	91	622847	53.339	ug/l	100
83) tert-Butylbenzene	11.77	119	634763	55.579	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	679283	51.816	ug/l	99
85) sec-Butylbenzene	11.94	105	764992	54.991	ug/l	100
86) p-Isopropyltoluene	12.07	119	683673	54.245	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	380796	50.614	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	384365	49.490	ug/l	100
89) n-Butylbenzene	12.39	91	596368	52.101	ug/l	99
90) Hexachloroethane	12.60	117	104015	49.567	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388403	49.400	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65072	52.484	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286485	51.943	ug/l	100
94) Hexachlorobutadiene	13.78	225	133394	46.641	ug/l	100
95) Naphthalene	13.83	128	947198	51.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294954	51.770	ug/l	100

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

