

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010683.D
 Acq On : 04 Jul 2019 11:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:59:03 AM

Quant Time: Jul 05 04:46:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	146504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107610	78.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.68%	
35) Dibromofluoromethane	5.50	113	95551	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	
50) Toluene-d8	8.71	98	300576	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
62) 4-Bromofluorobenzene	11.13	95	117103	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33274	32.668	ug/l	99
3) Chloromethane	1.32	50	80431	67.815	ug/l	99
4) Vinyl Chloride	1.41	62	66580	51.253	ug/l	98
5) Bromomethane	1.64	94	45506	71.904	ug/l	98
6) Chloroethane	1.71	64	52181	68.084	ug/l	98
7) Trichlorofluoromethane	1.92	101	78668	38.201	ug/l	100
8) Diethyl Ether	2.19	74	60649	82.125	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38623	30.949	ug/l	98
10) Methyl Iodide	2.51	142	105321	59.136	ug/l	96
11) Tert butyl alcohol	3.05	59	148722	413.770	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61494	48.426	ug/l	97
13) Acrolein	2.29	56	82804	347.277	ug/l	98
14) Allyl chloride	2.73	41	117522	65.187	ug/l	98
15) Acrylonitrile	3.14	53	298089	418.880	ug/l	99
16) Acetone	2.45	43	251273	365.001	ug/l	96
17) Carbon Disulfide	2.57	76	163627	48.029	ug/l	99
18) Methyl Acetate	2.78	43	126162	91.951	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	327179	81.900	ug/l	98
20) Methylene Chloride	2.85	84	106935	75.481	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	81362	59.573	ug/l	98
22) Diisopropyl ether	3.85	45	294404	78.105	ug/l	98
23) Vinyl Acetate	3.81	43	1295065	397.711	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152612	70.044	ug/l	99
25) 2-Butanone	4.67	43	410898	406.902	ug/l	100
26) 2,2-Dichloropropane	4.58	77	51147	27.023	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	109747	69.538	ug/l	96
28) Bromochloromethane	5.01	49	74677	71.686	ug/l	95
29) Tetrahydrofuran	5.13	42	264308	422.562	ug/l	98
30) Chloroform	5.21	83	168508	71.880	ug/l	98
31) Cyclohexane	5.58	56	65614	33.070	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	112022	54.117	ug/l	99
36) 1,1-Dichloropropene	5.80	75	82962	37.950	ug/l	99
37) Ethyl Acetate	4.84	43	152465	67.794	ug/l	99
38) Carbon Tetrachloride	5.78	117	81628	34.483	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68141	23.713	ug/l	99
40) Benzene	6.14	78	358566	52.648	ug/l	99
41) Methacrylonitrile	5.04	41	83552	67.711	ug/l	97
42) 1,2-Dichloroethane	6.20	62	139997	67.528	ug/l	97
43) Isopropyl Acetate	6.45	43	247803	66.599	ug/l	98
44) Trichloroethene	7.21	130	90598	44.456	ug/l	99
45) 1,2-Dichloropropane	7.51	63	98433	57.232	ug/l	99
46) Dibromomethane	7.66	93	78020	63.227	ug/l	96
47) Bromodichloromethane	7.90	83	132520	58.601	ug/l	99
48) Methyl methacrylate	7.77	41	117108	67.712	ug/l	98
49) 1,4-Dioxane	7.74	88	64716	1298.935	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	816702	343.195	ug/l	97
52) Toluene	8.79	92	217767	48.554	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	133007	52.461	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	144408	52.413	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115368	62.370	ug/l	99
56) Ethyl methacrylate	9.18	69	178159	63.581	ug/l	95
57) 1,3-Dichloropropane	9.37	76	178711	62.240	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	391215	293.971	ug/l	99
59) 2-Hexanone	9.49	43	620786	331.455	ug/l	98
60) Dibromochloromethane	9.58	129	120970	58.409	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123636	61.924	ug/l	99
64) Tetrachloroethene	9.34	164	78391	37.381	ug/l	98
65) Chlorobenzene	10.13	112	256333	48.698	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102975	53.707	ug/l	100
67) Ethyl Benzene	10.25	91	383707	43.179	ug/l	99
68) m/p-Xylenes	10.36	106	295947	85.950	ug/l	98
69) o-Xylene	10.69	106	158195	46.718	ug/l	100
70) Styrene	10.71	104	283443	49.914	ug/l	99
71) Bromoform	10.85	173	91511	54.884	ug/l #	98
73) Isopropylbenzene	11.02	105	346076	39.955	ug/l	99
74) N-amyl acetate	10.90	43	212010	64.767	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	178478	62.219	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	147050m	63.154	ug/l	
77) Bromobenzene	11.26	156	126529	52.315	ug/l	98
78) n-propylbenzene	11.36	91	367540	38.609	ug/l	99
79) 2-Chlorotoluene	11.42	91	259207	45.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	306149	42.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42923	43.005	ug/l	90
82) 4-Chlorotoluene	11.51	91	302575	46.908	ug/l	100
83) tert-Butylbenzene	11.77	119	282084	39.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	326057	45.450	ug/l	99
85) sec-Butylbenzene	11.94	105	294699	35.021	ug/l	99
86) p-Isopropyltoluene	12.06	119	287057	36.880	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200082	47.392	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	201852	46.964	ug/l	99
89) n-Butylbenzene	12.38	91	223149	33.739	ug/l	99
90) Hexachloroethane	12.60	117	48401	35.963	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	213965	50.993	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37313	60.331	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141067	48.480	ug/l	98
94) Hexachlorobutadiene	13.78	225	41940	29.491	ug/l	99
95) Naphthalene	13.83	128	524314	58.635	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149363	51.627	ug/l	99

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

