

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009622.D
 Acq On : 16 May 2019 21:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:09:34 PM

Quant Time: May 17 07:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	159492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106723	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.50	113	79882	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	314726	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.13	95	120871	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60965	41.480	ug/l	100
3) Chloromethane	1.32	50	94687	47.188	ug/l	99
4) Vinyl Chloride	1.41	62	93214	47.639	ug/l	100
5) Bromomethane	1.64	94	54933	46.775	ug/l	96
6) Chloroethane	1.71	64	59420	47.299	ug/l	97
7) Trichlorofluoromethane	1.92	101	117398	49.359	ug/l	98
8) Diethyl Ether	2.19	74	55557	49.313	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71571	47.919	ug/l	99
10) Methyl Iodide	2.51	142	92531	53.015	ug/l	99
11) Tert butyl alcohol	3.06	59	135673	269.202	ug/l	100
12) 1,1-Dichloroethene	2.37	96	72331	48.334	ug/l	97
13) Acrolein	2.29	56	101991	223.458	ug/l	100
14) Allyl chloride	2.72	41	176760	48.468	ug/l	99
15) Acrylonitrile	3.15	53	322520	261.728	ug/l	100
16) Acetone	2.45	43	282100	241.297	ug/l	99
17) Carbon Disulfide	2.56	76	187271	44.572	ug/l	99
18) Methyl Acetate	2.78	43	151203	54.383	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	295241	50.805	ug/l	99
20) Methylene Chloride	2.85	84	90403	47.758	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	78054	48.094	ug/l	97
22) Diisopropyl ether	3.85	45	355698	50.716	ug/l	96
23) Vinyl Acetate	3.82	43	1590792	264.877	ug/l	100
24) 1,1-Dichloroethane	3.70	63	171788	49.652	ug/l	99
25) 2-Butanone	4.68	43	479643	264.012	ug/l	99
26) 2,2-Dichloropropane	4.59	77	110722	42.994	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	95807	49.457	ug/l	98
28) Bromochloromethane	5.02	49	61732	43.994	ug/l	100
29) Tetrahydrofuran	5.13	42	317251	271.371	ug/l	99
30) Chloroform	5.21	83	158033	50.502	ug/l	100
31) Cyclohexane	5.58	56	156061	48.482	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	129986	49.900	ug/l	99
36) 1,1-Dichloropropene	5.80	75	115815	49.160	ug/l	100
37) Ethyl Acetate	4.84	43	176818	53.867	ug/l	99
38) Carbon Tetrachloride	5.78	117	107204	50.084	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140503	48.562	ug/l	99
40) Benzene	6.14	78	364917	50.050	ug/l	99
41) Methacrylonitrile	5.04	41	101383	51.886	ug/l	100
42) 1,2-Dichloroethane	6.20	62	134560	51.448	ug/l	99
43) Isopropyl Acetate	6.45	43	283331	53.963	ug/l	99
44) Trichloroethene	7.21	130	85939	48.756	ug/l	99
45) 1,2-Dichloropropane	7.51	63	105828	51.260	ug/l	98
46) Dibromomethane	7.66	93	59692	49.789	ug/l	98
47) Bromodichloromethane	7.90	83	123741	51.742	ug/l	97
48) Methyl methacrylate	7.77	41	143222	54.982	ug/l	99
49) 1,4-Dioxane	7.74	88	55229	1045.471	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	970507	282.796	ug/l	99
52) Toluene	8.79	92	225059	50.780	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	141983	52.586	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	154381	51.658	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93361	51.633	ug/l	95
56) Ethyl methacrylate	9.18	69	173924	53.885	ug/l	99
57) 1,3-Dichloropropane	9.37	76	163698	51.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	384851	224.761	ug/l	100
59) 2-Hexanone	9.49	43	755051	280.135	ug/l	99
60) Dibromochloromethane	9.58	129	93673	53.042	ug/l	100
61) 1,2-Dibromoethane	9.67	107	95292	52.209	ug/l	99
64) Tetrachloroethene	9.34	164	76359	47.526	ug/l	97
65) Chlorobenzene	10.14	112	236785	50.535	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	87072	51.258	ug/l	99
67) Ethyl Benzene	10.25	91	439571	50.975	ug/l	99
68) m/p-Xylenes	10.36	106	321424	102.000	ug/l	98
69) o-Xylene	10.69	106	158794	51.073	ug/l	99
70) Styrene	10.71	104	281252	52.046	ug/l	99
71) Bromoform	10.86	173	73503	53.245	ug/l	99
73) Isopropylbenzene	11.02	105	420369	47.783	ug/l	99
74) N-amyl acetate	10.90	43	267253	52.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162843	49.654	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140808m	50.177	ug/l	
77) Bromobenzene	11.26	156	105618	48.370	ug/l	100
78) n-propylbenzene	11.36	91	491196	48.890	ug/l	99
79) 2-Chlorotoluene	11.42	91	296032	47.758	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	363281	49.043	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54066	49.295	ug/l	99
82) 4-Chlorotoluene	11.51	91	342523	48.914	ug/l	99
83) tert-Butylbenzene	11.77	119	352132	48.867	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	364827	49.068	ug/l	100
85) sec-Butylbenzene	11.94	105	416370	48.737	ug/l	100
86) p-Isopropyltoluene	12.06	119	382142	49.757	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190439	48.924	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	192431	49.034	ug/l	99
89) n-Butylbenzene	12.38	91	347556	50.068	ug/l	99
90) Hexachloroethane	12.59	117	64664	49.420	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	192831	48.636	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37049	50.359	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137044	50.547	ug/l	98
94) Hexachlorobutadiene	13.78	225	70169	50.681	ug/l	99
95) Naphthalene	13.83	128	451917	51.233	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137981	50.206	ug/l	99

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

