

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050319\
 Data File : VX009309.D
 Acq On : 03 May 2019 14:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 9:24:44 AM

Quant Time: May 03 23:31:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	121029	48.34	ug/l	0.00
Spiked Amount						
			Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	88536	49.18	ug/l	0.00
Spiked Amount						
			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	362387	49.86	ug/l	0.00
Spiked Amount						
			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	134180	50.80	ug/l	0.00
Spiked Amount						
			Recovery	=	101.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	78266	46.310	ug/l	100
3) Chloromethane	1.32	50	104706	45.380	ug/l	99
4) Vinyl Chloride	1.41	62	103859	46.161	ug/l	97
5) Bromomethane	1.64	94	60850	45.059	ug/l	96
6) Chloroethane	1.71	64	64868	44.906	ug/l	99
7) Trichlorofluoromethane	1.92	101	128869	47.120	ug/l	99
8) Diethyl Ether	2.18	74	59735	46.110	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82432	47.997	ug/l	98
10) Methyl Iodide	2.51	142	94728	47.704	ug/l	99
11) Tert butyl alcohol	3.05	59	122155	210.787	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80256	46.639	ug/l	99
13) Acrolein	2.29	56	108733	207.177	ug/l	98
14) Allyl chloride	2.73	41	191936	45.769	ug/l	100
15) Acrylonitrile	3.14	53	319437	225.437	ug/l	99
16) Acetone	2.44	43	292745	217.763	ug/l	98
17) Carbon Disulfide	2.57	76	211751	43.829	ug/l	99
18) Methyl Acetate	2.77	43	143214	44.795	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	312594	46.780	ug/l	100
20) Methylene Chloride	2.85	84	96949	44.540	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	85625	45.882	ug/l	98
22) Diisopropyl ether	3.85	45	380670	47.202	ug/l	95
23) Vinyl Acetate	3.81	43	1659670	240.325	ug/l	99
24) 1,1-Dichloroethane	3.69	63	183321	46.079	ug/l	100
25) 2-Butanone	4.67	43	474153	226.971	ug/l	99
26) 2,2-Dichloropropane	4.58	77	138270	46.692	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103521	46.474	ug/l	99
28) Bromochloromethane	5.01	49	78288	48.819	ug/l	100
29) Tetrahydrofuran	5.12	42	305995	227.625	ug/l	99
30) Chloroform	5.21	83	168680	46.878	ug/l	99
31) Cyclohexane	5.57	56	176227	47.611	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	139004	46.406	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129646	48.713	ug/l	100
37) Ethyl Acetate	4.83	43	174217	46.982	ug/l	99
38) Carbon Tetrachloride	5.78	117	116295	48.094	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162363	49.675	ug/l	98
40) Benzene	6.14	78	393462	47.769	ug/l	100
41) Methacrylonitrile	5.04	41	101212	45.852	ug/l	98
42) 1,2-Dichloroethane	6.19	62	143088	48.428	ug/l	99
43) Isopropyl Acetate	6.44	43	284820	48.019	ug/l	99
44) Trichloroethene	7.21	130	95562	47.991	ug/l	99
45) 1,2-Dichloropropane	7.51	63	113024	48.460	ug/l	98
46) Dibromomethane	7.66	93	63360	46.781	ug/l	98
47) Bromodichloromethane	7.90	83	130984	48.483	ug/l	96
48) Methyl methacrylate	7.77	41	143042	48.609	ug/l	100
49) 1,4-Dioxane	7.74	88	51611	864.823	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	926442	238.964	ug/l	100
52) Toluene	8.78	92	241597	48.253	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153452	50.309	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167832	49.712	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99106	48.518	ug/l	98
56) Ethyl methacrylate	9.18	69	178493	48.952	ug/l	99
57) 1,3-Dichloropropane	9.37	76	173029	48.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	474875	245.498	ug/l	100
59) 2-Hexanone	9.49	43	723749	237.694	ug/l	99
60) Dibromochloromethane	9.58	129	99075	49.661	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100287	48.637	ug/l	99
64) Tetrachloroethene	9.34	164	89321	49.895	ug/l	97
65) Chlorobenzene	10.13	112	251201	48.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90793	47.969	ug/l	99
67) Ethyl Benzene	10.25	91	467505	48.657	ug/l	100
68) m/p-Xylenes	10.36	106	345914	98.520	ug/l	98
69) o-Xylene	10.69	106	167140	48.247	ug/l	99
70) Styrene	10.71	104	297805	49.460	ug/l	99
71) Bromoform	10.85	173	75395	49.017	ug/l #	99
73) Isopropylbenzene	11.02	105	454158	47.457	ug/l	99
74) N-amyl acetate	10.90	43	263904	47.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162835	45.644	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	142344m	46.629	ug/l	
77) Bromobenzene	11.26	156	112114	47.200	ug/l	99
78) n-propylbenzene	11.36	91	532871	48.756	ug/l	99
79) 2-Chlorotoluene	11.42	91	311506	46.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	386364	47.948	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54879	45.997	ug/l	98
82) 4-Chlorotoluene	11.51	91	361550	47.463	ug/l	100
83) tert-Butylbenzene	11.77	119	372309	47.496	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	390764	48.313	ug/l	99
85) sec-Butylbenzene	11.94	105	451367	48.569	ug/l	100
86) p-Isopropyltoluene	12.06	119	413309	49.470	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	203255	48.001	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	201991	47.315	ug/l	99
89) n-Butylbenzene	12.38	91	384286	50.890	ug/l	100
90) Hexachloroethane	12.60	117	68631	48.218	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204712	47.465	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35249	44.045	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	147866	50.136	ug/l	98
94) Hexachlorobutadiene	13.78	225	75700	50.262	ug/l	99
95) Naphthalene	13.83	128	457145	47.642	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145443	48.649	ug/l	99

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

