

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009108.D
 Acq On : 23 Apr 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:02:42 PM

Quant Time: Apr 24 05:05:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139743	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	5.49	113	104614	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	416146	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	150539	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137883	57.606	ug/l	98
3) Chloromethane	1.32	50	162279	55.225	ug/l	100
4) Vinyl Chloride	1.41	62	154592	54.052	ug/l	99
5) Bromomethane	1.64	94	83736	47.004	ug/l	99
6) Chloroethane	1.71	64	89657	53.310	ug/l	97
7) Trichlorofluoromethane	1.92	101	176645	52.900	ug/l	97
8) Diethyl Ether	2.19	74	78264	51.249	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	109819	51.437	ug/l	99
10) Methyl Iodide	2.51	142	127976	54.397	ug/l	99
11) Tert butyl alcohol	3.05	59	156584	240.872	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108105	48.510	ug/l	96
13) Acrolein	2.29	56	122678	218.410	ug/l	100
14) Allyl chloride	2.73	41	266239	54.760	ug/l	99
15) Acrylonitrile	3.14	53	426878	258.683	ug/l	100
16) Acetone	2.44	43	438629	288.817	ug/l	98
17) Carbon Disulfide	2.57	76	349948	53.353	ug/l	98
18) Methyl Acetate	2.77	43	189992	50.125	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	421448	53.076	ug/l	99
20) Methylene Chloride	2.85	84	132670	51.083	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	122251	51.432	ug/l	91
22) Diisopropyl ether	3.85	45	514786	54.489	ug/l	91
23) Vinyl Acetate	3.81	43	2296183	276.490	ug/l	99
24) 1,1-Dichloroethane	3.69	63	250158	52.748	ug/l	99
25) 2-Butanone	4.67	43	667905	275.135	ug/l	100
26) 2,2-Dichloropropane	4.57	77	190731	53.653	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	141647	52.487	ug/l	100
28) Bromochloromethane	5.01	49	103985	52.900	ug/l	100
29) Tetrahydrofuran	5.12	42	414660	255.206	ug/l	99
30) Chloroform	5.21	83	226637	53.404	ug/l	99
31) Cyclohexane	5.57	56	257222	55.144	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	189145	53.775	ug/l	99
36) 1,1-Dichloropropene	5.79	75	182846	53.604	ug/l	99
37) Ethyl Acetate	4.83	43	238604	54.361	ug/l	100
38) Carbon Tetrachloride	5.78	117	160282	55.426	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237998	57.306	ug/l	99
40) Benzene	6.14	78	545818	54.241	ug/l	100
41) Methacrylonitrile	5.04	41	137252	54.484	ug/l	100
42) 1,2-Dichloroethane	6.18	62	190364	53.403	ug/l	99
43) Isopropyl Acetate	6.44	43	383974	54.285	ug/l	99
44) Trichloroethene	7.21	130	129937	52.700	ug/l	96
45) 1,2-Dichloropropane	7.51	63	154861	55.472	ug/l	98
46) Dibromomethane	7.66	93	86464	53.218	ug/l	100
47) Bromodichloromethane	7.89	83	176564	55.408	ug/l	100
48) Methyl methacrylate	7.76	41	194768	55.728	ug/l	99
49) 1,4-Dioxane	7.74	88	63818	975.578	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1211743	268.903	ug/l	99
52) Toluene	8.78	92	330309	54.770	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	210767	57.471	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	229726	55.943	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	129507	54.182	ug/l	99
56) Ethyl methacrylate	9.18	69	238023	55.537	ug/l	99
57) 1,3-Dichloropropane	9.37	76	232947	54.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	605897	262.526	ug/l	99
59) 2-Hexanone	9.49	43	942019	271.145	ug/l	99
60) Dibromochloromethane	9.58	129	130980	57.176	ug/l	99
61) 1,2-Dibromoethane	9.67	107	134787	54.638	ug/l	99
64) Tetrachloroethene	9.34	164	120971	54.373	ug/l	99
65) Chlorobenzene	10.13	112	336179	54.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	121639	55.857	ug/l	99
67) Ethyl Benzene	10.25	91	627240	55.507	ug/l	100
68) m/p-Xylenes	10.36	106	458902	111.744	ug/l	100
69) o-Xylene	10.69	106	220931	55.289	ug/l	100
70) Styrene	10.71	104	384175	55.480	ug/l	99
71) Bromoform	10.85	173	97221	56.038	ug/l #	100
73) Isopropylbenzene	11.02	105	592675	55.264	ug/l	100
74) N-amyl acetate	10.90	43	327041	53.111	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	202208	51.604	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	180463m	52.236	ug/l	
77) Bromobenzene	11.25	156	141746	52.385	ug/l	99
78) n-propylbenzene	11.36	91	698237	56.725	ug/l	100
79) 2-Chlorotoluene	11.42	91	402790	54.302	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	505736	56.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	72890	54.165	ug/l	98
82) 4-Chlorotoluene	11.51	91	472102	54.803	ug/l	100
83) tert-Butylbenzene	11.77	119	476761	55.179	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	507554	55.405	ug/l	99
85) sec-Butylbenzene	11.94	105	581937	56.472	ug/l	100
86) p-Isopropyltoluene	12.06	119	536144	56.590	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255044	53.854	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	252115	52.516	ug/l	100
89) n-Butylbenzene	12.38	91	507850	57.557	ug/l	100
90) Hexachloroethane	12.60	117	90153	57.687	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	249867	53.430	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43635	48.909	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	183184	54.264	ug/l	100
94) Hexachlorobutadiene	13.78	225	94775	56.290	ug/l	100
95) Naphthalene	13.83	128	569704	52.675	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178923	53.718	ug/l	99

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

