

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007323.D
 Acq On : 30 Jan 2019 18:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:44:31 AM

Quant Time: Jan 31 04:24:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	509438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	756571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	690173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	239025	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.50	113	220279	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
50) Toluene-d8	8.71	98	784726	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
62) 4-Bromofluorobenzene	11.13	95	281857	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155644	37.204	ug/l	99
3) Chloromethane	1.33	50	186891	38.375	ug/l	100
4) Vinyl Chloride	1.41	62	208740	39.845	ug/l	100
5) Bromomethane	1.64	94	221521	39.577	ug/l	96
6) Chloroethane	1.71	64	141199	38.600	ug/l	98
7) Trichlorofluoromethane	1.93	101	353508	41.763	ug/l	97
8) Diethyl Ether	2.19	74	142423	42.292	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	216571	42.735	ug/l	100
10) Methyl Iodide	2.51	142	318520	46.595	ug/l	100
11) Tert butyl alcohol	3.08	59	269645	214.701	ug/l	100
12) 1,1-Dichloroethene	2.37	96	190531	40.693	ug/l	98
13) Acrolein	2.30	56	206730	380.040	ug/l	100
14) Allyl chloride	2.73	41	348861	43.476	ug/l	99
15) Acrylonitrile	3.15	53	666870	231.302	ug/l	99
16) Acetone	2.45	43	564314	214.401	ug/l	99
17) Carbon Disulfide	2.57	76	374465	31.064	ug/l	98
18) Methyl Acetate	2.78	43	408436	53.585	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	744977	45.842	ug/l	98
20) Methylene Chloride	2.85	84	229568	45.810	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	207301	39.730	ug/l	98
22) Diisopropyl ether	3.87	45	695069	46.075	ug/l	95
23) Vinyl Acetate	3.82	43	2830361	222.478	ug/l	98
24) 1,1-Dichloroethane	3.70	63	370696	43.946	ug/l	99
25) 2-Butanone	4.70	43	838680	222.693	ug/l	99
26) 2,2-Dichloropropane	4.59	77	266554	41.094	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	246468	42.825	ug/l	98
28) Bromochloromethane	5.02	49	159778	43.233	ug/l	95
29) Tetrahydrofuran	5.15	42	549418	224.483	ug/l	97
30) Chloroform	5.21	83	406101	45.982	ug/l	95
31) Cyclohexane	5.57	56	298195	39.718	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	335866	44.867	ug/l	98
36) 1,1-Dichloropropene	5.80	75	275027	41.812	ug/l	98
37) Ethyl Acetate	4.85	43	315154	44.690	ug/l	99
38) Carbon Tetrachloride	5.78	117	292143	44.144	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	326905	38.984	ug/l	98
40) Benzene	6.14	78	862755	42.986	ug/l	99
41) Methacrylonitrile	5.06	41	175916	43.303	ug/l	98
42) 1,2-Dichloroethane	6.20	62	307009	44.265	ug/l	100
43) Isopropyl Acetate	6.46	43	516512	46.434	ug/l	98
44) Trichloroethene	7.21	130	254444	42.306	ug/l	99
45) 1,2-Dichloropropane	7.51	63	229347	45.452	ug/l	99
46) Dibromomethane	7.66	93	161729	45.606	ug/l	97
47) Bromodichloromethane	7.90	83	292999	48.540	ug/l	100
48) Methyl methacrylate	7.77	41	264969	46.385	ug/l	97
49) 1,4-Dioxane	7.75	88	114179	874.174	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1695652	237.199	ug/l	99
52) Toluene	8.79	92	563502	43.682	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	320960	47.952	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	349156	47.236	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	249326	48.287	ug/l	98
56) Ethyl methacrylate	9.18	69	359582	47.703	ug/l	96
57) 1,3-Dichloropropane	9.37	76	394940	46.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	897288	231.516	ug/l	99
59) 2-Hexanone	9.49	43	1270036	233.134	ug/l	98
60) Dibromochloromethane	9.59	129	259771	51.810	ug/l	98
61) 1,2-Dibromoethane	9.67	107	263626	46.377	ug/l	99
64) Tetrachloroethene	9.34	164	248446	41.579	ug/l	98
65) Chlorobenzene	10.14	112	666020	44.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247968	48.968	ug/l	99
67) Ethyl Benzene	10.25	91	1086320	43.714	ug/l	99
68) m/p-Xylenes	10.36	106	854706	87.297	ug/l	99
69) o-Xylene	10.70	106	418507	43.830	ug/l	97
70) Styrene	10.71	104	685922	45.357	ug/l	99
71) Bromoform	10.86	173	191148	42.930	ug/l	99
73) Isopropylbenzene	11.02	105	1123787	44.240	ug/l	99
74) N-amyl acetate	10.90	43	463297	45.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	369318	45.797	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	339387m	46.491	ug/l	
77) Bromobenzene	11.26	156	301879	43.131	ug/l	98
78) n-propylbenzene	11.36	91	1236276	44.333	ug/l	98
79) 2-Chlorotoluene	11.42	91	727414	43.334	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	924137	43.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100044	42.012	ug/l	98
82) 4-Chlorotoluene	11.51	91	853280	43.903	ug/l	99
83) tert-Butylbenzene	11.77	119	950747	44.895	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	939680	44.026	ug/l	100
85) sec-Butylbenzene	11.94	105	1130405	44.696	ug/l	99
86) p-Isopropyltoluene	12.06	119	1012175	44.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	544355	43.029	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	543885	45.388	ug/l	100
89) n-Butylbenzene	12.39	91	862810	44.741	ug/l	99
90) Hexachloroethane	12.60	117	162957	45.406	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	547044	43.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77457	48.565	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	380788	44.457	ug/l	99
94) Hexachlorobutadiene	13.78	225	180670	47.532	ug/l	99
95) Naphthalene	13.83	128	1180741	45.492	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	384190	45.153	ug/l	97

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

