

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010419\
 Data File : VX006909.D
 Acq On : 04 Jan 2019 12:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 11:04:14 AM

Quant Time: Jan 04 22:28:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	546955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	790234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	713507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	374302	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	281103	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	5.50	113	255974	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	934040	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	335977	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	197864	39.544	ug/l	99
3) Chloromethane	1.32	50	248576	46.112	ug/l	99
4) Vinyl Chloride	1.41	62	240007	42.629	ug/l	100
5) Bromomethane	1.64	94	234221	44.363	ug/l	96
6) Chloroethane	1.71	64	160238	41.104	ug/l	99
7) Trichlorofluoromethane	1.93	101	407524	46.427	ug/l	100
8) Diethyl Ether	2.19	74	164076	47.061	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	253955	49.274	ug/l	100
10) Methyl Iodide	2.51	142	242750	32.904	ug/l	100
11) Tert butyl alcohol	3.07	59	284374	216.161	ug/l	99
12) 1,1-Dichloroethene	2.37	96	220867	45.196	ug/l	99
13) Acrolein	2.29	56	195749	220.564	ug/l	97
14) Allyl chloride	2.73	41	393723	47.864	ug/l	99
15) Acrylonitrile	3.15	53	713804	244.372	ug/l	99
16) Acetone	2.45	43	645781	238.447	ug/l	100
17) Carbon Disulfide	2.57	76	468457	36.223	ug/l	98
18) Methyl Acetate	2.78	43	428041	53.750	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	831840	51.286	ug/l	98
20) Methylene Chloride	2.86	84	258313	46.125	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	236393	43.658	ug/l	93
22) Diisopropyl ether	3.87	45	786250	52.248	ug/l	99
23) Vinyl Acetate	3.82	43	3123713	253.769	ug/l	98
24) 1,1-Dichloroethane	3.70	63	440260	49.009	ug/l	99
25) 2-Butanone	4.70	43	911962	239.390	ug/l	98
26) 2,2-Dichloropropane	4.58	77	341073	49.151	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	285848	47.848	ug/l	98
28) Bromochloromethane	5.02	49	188209	49.689	ug/l	97
29) Tetrahydrofuran	5.15	42	597960	238.319	ug/l	98
30) Chloroform	5.21	83	462769	49.746	ug/l	100
31) Cyclohexane	5.57	56	357639	43.822	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	390247	49.681	ug/l	99
36) 1,1-Dichloropropene	5.79	75	328083	50.128	ug/l	99
37) Ethyl Acetate	4.85	43	349252	51.269	ug/l	99
38) Carbon Tetrachloride	5.78	117	333670	52.458	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	405571	47.069	ug/l	99
40) Benzene	6.14	78	998524	50.191	ug/l	99
41) Methacrylonitrile	5.06	41	197785	54.687	ug/l	98
42) 1,2-Dichloroethane	6.20	62	347065	51.196	ug/l	99
43) Isopropyl Acetate	6.46	43	577476	55.714	ug/l	98
44) Trichloroethene	7.21	130	292779	48.623	ug/l	95
45) 1,2-Dichloropropane	7.51	63	260513	53.810	ug/l	96
46) Dibromomethane	7.66	93	184053	51.685	ug/l	99
47) Bromodichloromethane	7.90	83	328577	55.577	ug/l	98
48) Methyl methacrylate	7.77	41	288631	54.760	ug/l	99
49) 1,4-Dioxane	7.75	88	117662	850.205	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1779811	269.877	ug/l	99
52) Toluene	8.79	92	649232	50.513	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	367168	57.907	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	400097	57.507	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	280767	53.369	ug/l	99
56) Ethyl methacrylate	9.18	69	403505	54.267	ug/l	95
57) 1,3-Dichloropropane	9.37	76	445220	52.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1033871	261.576	ug/l	99
59) 2-Hexanone	9.49	43	1315801	260.768	ug/l	100
60) Dibromochloromethane	9.58	129	287743	52.189	ug/l	99
61) 1,2-Dibromoethane	9.67	107	296825	53.076	ug/l	100
64) Tetrachloroethene	9.34	164	280833	49.706	ug/l	97
65) Chlorobenzene	10.14	112	764008	50.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	279413	59.329	ug/l	99
67) Ethyl Benzene	10.25	91	1253034	50.800	ug/l	99
68) m/p-Xylenes	10.36	106	983944	101.092	ug/l	98
69) o-Xylene	10.70	106	480939	50.039	ug/l	96
70) Styrene	10.71	104	792827	52.140	ug/l	99
71) Bromoform	10.86	173	212263	49.970	ug/l	99
73) Isopropylbenzene	11.02	105	1301226	50.816	ug/l	100
74) N-amyl acetate	10.90	43	516310	56.331	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	402385	52.838	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	370565m	53.272	ug/l	
77) Bromobenzene	11.26	156	352996	50.990	ug/l	98
78) n-propylbenzene	11.36	91	1470129	52.136	ug/l	98
79) 2-Chlorotoluene	11.42	91	843474	49.360	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1083197	51.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	111178	48.755	ug/l	100
82) 4-Chlorotoluene	11.51	91	993401	50.680	ug/l	100
83) tert-Butylbenzene	11.77	119	1124680	53.279	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1104995	49.809	ug/l	100
85) sec-Butylbenzene	11.94	105	1323898	51.153	ug/l	100
86) p-Isopropyltoluene	12.07	119	1190341	52.322	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	634675	50.868	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	637797	49.865	ug/l	100
89) n-Butylbenzene	12.39	91	1024797	52.929	ug/l	99
90) Hexachloroethane	12.60	117	181041	50.791	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	633290	50.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79408	50.394	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	449803	52.246	ug/l	99
94) Hexachlorobutadiene	13.78	225	194907	48.030	ug/l	99
95) Naphthalene	13.83	128	1329463	48.382	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	442758	49.809	ug/l	98

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

