

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030619\
 Data File : VX007854.D
 Acq On : 06 Mar 2019 11:00
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 10:34:56 AM

Quant Time: Mar 07 07:27:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156575	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.50	113	138726	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	521186	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.13	95	181374	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125308	49.546	ug/l	100
3) Chloromethane	1.33	50	154078	47.274	ug/l	100
4) Vinyl Chloride	1.41	62	159552	49.268	ug/l	100
5) Bromomethane	1.64	94	74719	37.944	ug/l	100
6) Chloroethane	1.71	64	104133	48.403	ug/l	100
7) Trichlorofluoromethane	1.93	101	206026	48.863	ug/l	100
8) Diethyl Ether	2.19	74	88806	48.639	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126540	48.430	ug/l	100
10) Methyl Iodide	2.51	142	190708	51.449	ug/l	100
11) Tert butyl alcohol	3.08	59	166984	239.108	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122325	48.568	ug/l	100
13) Acrolein	2.30	56	95763	227.088	ug/l	100
14) Allyl chloride	2.73	41	259287	48.992	ug/l	100
15) Acrylonitrile	3.15	53	424620	240.887	ug/l	100
16) Acetone	2.45	43	461943	255.571	ug/l	100
17) Carbon Disulfide	2.57	76	384436	45.460	ug/l	100
18) Methyl Acetate	2.78	43	187271	48.769	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	428461	49.449	ug/l	100
20) Methylene Chloride	2.86	84	136041	47.292	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	130591	47.123	ug/l	100
22) Diisopropyl ether	3.87	45	478115	49.282	ug/l	100
23) Vinyl Acetate	3.82	43	2124054	249.668	ug/l	100
24) 1,1-Dichloroethane	3.70	63	256379	49.107	ug/l	100
25) 2-Butanone	4.70	43	639803	250.027	ug/l	100
26) 2,2-Dichloropropane	4.59	77	173025	50.023	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	153572	48.427	ug/l	100
28) Bromochloromethane	5.02	49	122243	50.223	ug/l	100
29) Tetrahydrofuran	5.15	42	396039	248.117	ug/l	100
30) Chloroform	5.21	83	243480	49.301	ug/l	100
31) Cyclohexane	5.57	56	239844	49.985	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	204144	49.820	ug/l	100
36) 1,1-Dichloropropene	5.80	75	188804	48.633	ug/l	100
37) Ethyl Acetate	4.85	43	226927	49.256	ug/l	100
38) Carbon Tetrachloride	5.78	117	186454	50.589	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238041	50.601	ug/l	100
40) Benzene	6.14	78	573925	49.657	ug/l	100
41) Methacrylonitrile	5.06	41	125258	49.868	ug/l	100
42) 1,2-Dichloroethane	6.20	62	186521	49.347	ug/l	100
43) Isopropyl Acetate	6.46	43	346063	50.755	ug/l	100
44) Trichloroethene	7.21	130	154957	48.651	ug/l	100
45) 1,2-Dichloropropane	7.52	63	153341	50.233	ug/l	100
46) Dibromomethane	7.66	93	95343	49.353	ug/l	100
47) Bromodichloromethane	7.90	83	186909	51.031	ug/l	100
48) Methyl methacrylate	7.77	41	181813	50.718	ug/l	100
49) 1,4-Dioxane	7.75	88	72660	986.703	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1101784	251.270	ug/l	100
52) Toluene	8.79	92	354950	50.303	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203273	53.172	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	227835	52.776	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	144269	50.506	ug/l	100
56) Ethyl methacrylate	9.18	69	222824	51.955	ug/l	100
57) 1,3-Dichloropropane	9.37	76	241323	50.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	575877	259.579	ug/l	100
59) 2-Hexanone	9.49	43	847363	248.909	ug/l	100
60) Dibromochloromethane	9.59	129	156542	52.431	ug/l	100
61) 1,2-Dibromoethane	9.67	107	151577	49.980	ug/l	100
64) Tetrachloroethene	9.34	164	147056	47.487	ug/l	100
65) Chlorobenzene	10.14	112	383951	49.099	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	142902	50.988	ug/l	100
67) Ethyl Benzene	10.25	91	657469	51.076	ug/l	100
68) m/p-Xylenes	10.36	106	506822	102.148	ug/l	100
69) o-Xylene	10.70	106	244481	51.038	ug/l	100
70) Styrene	10.71	104	403646	51.495	ug/l	100
71) Bromoform	10.85	173	124419	51.694	ug/l	100
73) Isopropylbenzene	11.02	105	655589	51.633	ug/l	100
74) N-amyl acetate	10.90	43	297967	51.404	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	211270	48.238	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	172915m	43.530	ug/l	
77) Bromobenzene	11.26	156	171740	49.334	ug/l	100
78) n-propylbenzene	11.36	91	731682	51.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	430770	50.016	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	538136	51.494	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65747	53.346	ug/l	100
82) 4-Chlorotoluene	11.51	91	498824	50.540	ug/l	100
83) tert-Butylbenzene	11.77	119	547859	52.045	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	553074	51.626	ug/l	100
85) sec-Butylbenzene	11.94	105	643791	51.927	ug/l	100
86) p-Isopropyltoluene	12.06	119	581616	52.383	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	304755	49.484	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	303062	48.014	ug/l	100
89) n-Butylbenzene	12.38	91	495778	52.704	ug/l	100
90) Hexachloroethane	12.60	117	97202	52.360	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	301226	49.235	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46367	50.656	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	216434	50.357	ug/l	100
94) Hexachlorobutadiene	13.78	225	112998	50.287	ug/l	100
95) Naphthalene	13.83	128	646725	52.223	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	216499	50.566	ug/l	100

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

