

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050219\
 Data File : VX009298.D
 Acq On : 03 May 2019 01:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:18:54 AM

Quant Time: May 03 02:56:05 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	165599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116962	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	5.50	113	86874	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.71	98	352517	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	126844	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74503	48.822	ug/l	99
3) Chloromethane	1.32	50	105690	50.729	ug/l	100
4) Vinyl Chloride	1.41	62	101969	50.192	ug/l	97
5) Bromomethane	1.64	94	64799	53.141	ug/l	94
6) Chloroethane	1.71	64	65449	50.177	ug/l	99
7) Trichlorofluoromethane	1.92	101	126998	51.427	ug/l	98
8) Diethyl Ether	2.19	74	61014	52.160	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76614	49.404	ug/l	99
10) Methyl Iodide	2.51	142	89398	49.651	ug/l	99
11) Tert butyl alcohol	3.06	59	147895	282.631	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79857	51.395	ug/l	99
13) Acrolein	2.29	56	105791	223.236	ug/l	100
14) Allyl chloride	2.73	41	188033	49.657	ug/l	99
15) Acrylonitrile	3.14	53	343545	268.509	ug/l	99
16) Acetone	2.45	43	295011	243.034	ug/l	99
17) Carbon Disulfide	2.57	76	210764	48.314	ug/l	100
18) Methyl Acetate	2.78	43	154951	53.675	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	318180	52.733	ug/l	99
20) Methylene Chloride	2.85	84	97489	49.602	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	85608	50.803	ug/l	98
22) Diisopropyl ether	3.85	45	384643	52.820	ug/l	95
23) Vinyl Acetate	3.81	43	1683684	270.005	ug/l	99
24) 1,1-Dichloroethane	3.70	63	184780	51.437	ug/l	100
25) 2-Butanone	4.68	43	508824	269.746	ug/l	100
26) 2,2-Dichloropropane	4.59	77	97687	36.533	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	103236	51.327	ug/l	96
28) Bromochloromethane	5.01	49	76094	52.772	ug/l	100
29) Tetrahydrofuran	5.13	42	336873	277.528	ug/l	99
30) Chloroform	5.21	83	172257	53.018	ug/l	100
31) Cyclohexane	5.58	56	168507	50.418	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	139363	51.527	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125295	49.077	ug/l	99
37) Ethyl Acetate	4.84	43	190513	53.559	ug/l	99
38) Carbon Tetrachloride	5.79	117	116031	50.023	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	145608	46.441	ug/l	97
40) Benzene	6.14	78	397091	50.257	ug/l	98
41) Methacrylonitrile	5.04	41	107269	50.660	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144775	51.080	ug/l	99
43) Isopropyl Acetate	6.45	43	300314	52.781	ug/l	100
44) Trichloroethene	7.21	130	93206	48.796	ug/l	100
45) 1,2-Dichloropropane	7.51	63	113287	50.636	ug/l	98
46) Dibromomethane	7.66	93	64954	49.995	ug/l	99
47) Bromodichloromethane	7.90	83	133097	51.358	ug/l	96
48) Methyl methacrylate	7.77	41	150524	53.324	ug/l	99
49) 1,4-Dioxane	7.74	88	61024	1065.983	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	998524	268.496	ug/l	100
52) Toluene	8.79	92	239415	49.848	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145199	49.625	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	161544	49.882	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	98568	50.304	ug/l	95
56) Ethyl methacrylate	9.18	69	185782	53.115	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177007	51.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	484876	261.315	ug/l	100
59) 2-Hexanone	9.49	43	788380	269.917	ug/l	100
60) Dibromochloromethane	9.59	129	99840	52.170	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100995	51.061	ug/l	99
64) Tetrachloroethene	9.34	164	86745	50.845	ug/l	99
65) Chlorobenzene	10.14	112	248142	49.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92506	51.284	ug/l	100
67) Ethyl Benzene	10.25	91	460833	50.328	ug/l	100
68) m/p-Xylenes	10.36	106	335459	100.253	ug/l	98
69) o-Xylene	10.70	106	166043	50.294	ug/l	100
70) Styrene	10.71	104	292727	51.014	ug/l	100
71) Bromoform	10.86	173	77783	53.063	ug/l #	98
73) Isopropylbenzene	11.02	105	435346	49.283	ug/l	99
74) N-amyl acetate	10.90	43	279293	54.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	170716	51.842	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	143448m	50.908	ug/l	
77) Bromobenzene	11.26	156	109619	49.997	ug/l	100
78) n-propylbenzene	11.36	91	494392	49.006	ug/l	99
79) 2-Chlorotoluene	11.42	91	301007	48.362	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	370508	49.814	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52173	47.375	ug/l	99
82) 4-Chlorotoluene	11.51	91	348103	49.507	ug/l	99
83) tert-Butylbenzene	11.77	119	365855	50.564	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	373998	50.095	ug/l	100
85) sec-Butylbenzene	11.94	105	419686	48.925	ug/l	100
86) p-Isopropyltoluene	12.06	119	382392	49.585	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	193015	49.383	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	194487	49.355	ug/l	100
89) n-Butylbenzene	12.38	91	338799	48.607	ug/l	100
90) Hexachloroethane	12.60	117	66453	50.580	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	200259	50.303	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39943	54.071	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	139313	51.173	ug/l	98
94) Hexachlorobutadiene	13.78	225	66588	47.898	ug/l	99
95) Naphthalene	13.83	128	472608	53.360	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141661	51.334	ug/l	99

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

