

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030719\
 Data File : VX007896.D
 Acq On : 07 Mar 2019 20:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:40:58 AM

Quant Time: Mar 08 07:04:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175176	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	139864	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	124782	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	461277	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	162399	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	111469	48.276	ug/l	99
3) Chloromethane	1.33	50	143118	48.097	ug/l	98
4) Vinyl Chloride	1.41	62	148297	50.158	ug/l	98
5) Bromomethane	1.64	94	71859	51.832	ug/l	99
6) Chloroethane	1.72	64	97640	49.711	ug/l	98
7) Trichlorofluoromethane	1.93	101	192612	50.037	ug/l	97
8) Diethyl Ether	2.19	74	85557	51.327	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119002	49.886	ug/l	98
10) Methyl Iodide	2.51	142	182341	53.881	ug/l	99
11) Tert butyl alcohol	3.07	59	157175	246.518	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115163	50.084	ug/l	97
13) Acrolein	2.30	56	60741	168.849	ug/l	98
14) Allyl chloride	2.73	41	238793	49.421	ug/l	99
15) Acrylonitrile	3.15	53	392785	244.070	ug/l	100
16) Acetone	2.45	43	326023	197.568	ug/l	99
17) Carbon Disulfide	2.57	76	358678	51.379	ug/l	99
18) Methyl Acetate	2.78	43	181772	51.850	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	406492	51.386	ug/l	99
20) Methylene Chloride	2.86	84	128420	48.898	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	124019	49.017	ug/l	99
22) Diisopropyl ether	3.87	45	444842	50.224	ug/l	99
23) Vinyl Acetate	3.82	43	1960534	252.416	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241221	50.608	ug/l	99
25) 2-Butanone	4.70	43	543762	232.752	ug/l	100
26) 2,2-Dichloropropane	4.59	77	146121	46.272	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	144910	50.052	ug/l	99
28) Bromochloromethane	5.02	49	108787	48.955	ug/l	100
29) Tetrahydrofuran	5.15	42	362960	249.070	ug/l	100
30) Chloroform	5.21	83	230249	51.067	ug/l	99
31) Cyclohexane	5.57	56	221907	50.655	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	194249	51.925	ug/l	99
36) 1,1-Dichloropropene	5.80	75	174512	48.613	ug/l	100
37) Ethyl Acetate	4.85	43	206347	48.438	ug/l	100
38) Carbon Tetrachloride	5.78	117	174658	51.249	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216368	49.741	ug/l	99
40) Benzene	6.14	78	536777	50.227	ug/l	100
41) Methacrylonitrile	5.06	41	116090	49.984	ug/l	99
42) 1,2-Dichloroethane	6.20	62	173764	49.718	ug/l	100
43) Isopropyl Acetate	6.46	43	320949	50.907	ug/l	100
44) Trichloroethene	7.21	130	145942	49.553	ug/l	100
45) 1,2-Dichloropropane	7.51	63	143605	50.876	ug/l	99
46) Dibromomethane	7.66	93	89484	50.094	ug/l	99
47) Bromodichloromethane	7.90	83	175318	51.765	ug/l	99
48) Methyl methacrylate	7.77	41	167522	50.539	ug/l	99
49) 1,4-Dioxane	7.75	88	66648	978.794	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1016496	250.705	ug/l	99
52) Toluene	8.79	92	327519	50.197	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	188056	53.199	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	211405	52.960	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	135361	51.248	ug/l	99
56) Ethyl methacrylate	9.18	69	208714	52.629	ug/l	99
57) 1,3-Dichloropropane	9.37	76	225257	50.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	519586	253.285	ug/l	100
59) 2-Hexanone	9.49	43	761929	242.046	ug/l	99
60) Dibromochloromethane	9.59	129	146151	52.939	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142820	50.929	ug/l	99
64) Tetrachloroethene	9.34	164	136607	47.352	ug/l	99
65) Chlorobenzene	10.14	112	360479	49.483	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	134413	51.481	ug/l	99
67) Ethyl Benzene	10.25	91	609942	50.864	ug/l	100
68) m/p-Xylenes	10.36	106	471615	102.032	ug/l	100
69) o-Xylene	10.69	106	228691	51.248	ug/l	99
70) Styrene	10.71	104	380835	52.153	ug/l	100
71) Bromoform	10.86	173	116807	52.095	ug/l	# 100
73) Isopropylbenzene	11.02	105	606299	51.176	ug/l	100
74) N-amyl acetate	10.90	43	276051	51.039	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	198955	48.684	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	190327m	51.777	ug/l	
77) Bromobenzene	11.26	156	160495	49.411	ug/l	100
78) n-propylbenzene	11.36	91	685178	52.131	ug/l	99
79) 2-Chlorotoluene	11.42	91	404802	50.373	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	502762	51.560	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58720	51.061	ug/l	100
82) 4-Chlorotoluene	11.51	91	463510	50.330	ug/l	100
83) tert-Butylbenzene	11.77	119	504597	51.373	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	516497	51.670	ug/l	100
85) sec-Butylbenzene	11.94	105	603043	52.130	ug/l	100
86) p-Isopropyltoluene	12.06	119	541151	52.234	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286247	49.813	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285238	48.470	ug/l	99
89) n-Butylbenzene	12.38	91	456058	51.959	ug/l	100
90) Hexachloroethane	12.60	117	91449	52.794	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	282074	49.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42216	49.429	ug/l	98

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93) 1,2,4-Trichlorobenzene	13.65	180	203088	50.641	ug/l	99
94) Hexachlorobutadiene	13.78	225	107058	51.061	ug/l	99
95) Naphthalene	13.83	128	608097	52.626	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	202010	50.566	ug/l	99

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

