

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007103.D
 Acq On : 17 Jan 2019 22:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:06 AM

Quant Time: Jan 18 07:03:10 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	5.67	168	503890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	749914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	683074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	352441	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	259355	49.25	ug/l	0.00
Spiked Amount						
			Recovery	=	98.50%	
35) Dibromofluoromethane	5.50	113	236467	49.24	ug/l	0.00
Spiked Amount						
			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	874341	49.74	ug/l	0.00
Spiked Amount						
			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	308292	50.31	ug/l	0.00
Spiked Amount						
			Recovery	=	100.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	205126	49.572	ug/l	98
3) Chloromethane	1.33	50	224566	46.619	ug/l	97
4) Vinyl Chloride	1.41	62	242984	46.892	ug/l	97
5) Bromomethane	1.64	94	241343	43.594	ug/l	100
6) Chloroethane	1.71	64	164632	45.502	ug/l	99
7) Trichlorofluoromethane	1.92	101	400777	47.868	ug/l	100
8) Diethyl Ether	2.19	74	160937	48.316	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	236552	47.192	ug/l	99
10) Methyl Iodide	2.51	142	349194	51.644	ug/l	99
11) Tert butyl alcohol	3.09	59	318820	256.651	ug/l	99
12) 1,1-Dichloroethene	2.37	96	217586	46.983	ug/l	97
13) Acrolein	2.30	56	134709	251.420	ug/l	98
14) Allyl chloride	2.73	41	383806	48.357	ug/l	98
15) Acrylonitrile	3.15	53	739314	259.252	ug/l	100
16) Acetone	2.45	43	635093	243.949	ug/l	98
17) Carbon Disulfide	2.57	76	494871	41.505	ug/l	99
18) Methyl Acetate	2.78	43	398347	52.837	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	803174	49.967	ug/l	99
20) Methylene Chloride	2.85	84	256172	51.755	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	237499	46.019	ug/l	99
22) Diisopropyl ether	3.87	45	738150	49.470	ug/l	94
23) Vinyl Acetate	3.82	43	3050051	242.387	ug/l	99
24) 1,1-Dichloroethane	3.70	63	404847	48.523	ug/l	100
25) 2-Butanone	4.70	43	948401	254.600	ug/l	99
26) 2,2-Dichloropropane	4.58	77	273370	42.609	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	270716	47.556	ug/l	99
28) Bromochloromethane	5.02	49	177605	48.585	ug/l	96
29) Tetrahydrofuran	5.15	42	617315	255.002	ug/l	97
30) Chloroform	5.21	83	426787	48.856	ug/l	97
31) Cyclohexane	5.57	56	340557	45.860	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	360595	48.701	ug/l	98
36) 1,1-Dichloropropene	5.80	75	304370	46.683	ug/l	99
37) Ethyl Acetate	4.86	43	350694	50.171	ug/l	99
38) Carbon Tetrachloride	5.78	117	313215	47.748	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	372278	44.789	ug/l	98
40) Benzene	6.14	78	940492	47.275	ug/l	100
41) Methacrylonitrile	5.06	41	193456	48.043	ug/l	98
42) 1,2-Dichloroethane	6.20	62	327966	47.707	ug/l	100
43) Isopropyl Acetate	6.46	43	563564	51.114	ug/l	98
44) Trichloroethene	7.21	130	273703	45.912	ug/l	98
45) 1,2-Dichloropropane	7.51	63	245765	49.139	ug/l	95
46) Dibromomethane	7.66	93	171304	48.735	ug/l	97
47) Bromodichloromethane	7.90	83	301465	50.386	ug/l	98
48) Methyl methacrylate	7.77	41	286200	50.547	ug/l	97
49) 1,4-Dioxane	7.76	88	134270	1038.733	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1871646	264.143	ug/l	99
52) Toluene	8.79	92	610915	47.778	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	329775	49.706	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	368681	50.320	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	264975	51.773	ug/l	98
56) Ethyl methacrylate	9.18	69	393635	52.684	ug/l	96
57) 1,3-Dichloropropane	9.37	76	420456	50.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	997280	259.600	ug/l	99
59) 2-Hexanone	9.49	43	1415711	262.182	ug/l	99
60) Dibromochloromethane	9.59	129	267595	53.845	ug/l	98
61) 1,2-Dibromoethane	9.67	107	286854	50.911	ug/l	99
64) Tetrachloroethene	9.34	164	273136	46.186	ug/l	96
65) Chlorobenzene	10.14	112	714944	47.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	261531	52.183	ug/l	98
67) Ethyl Benzene	10.25	91	1187494	48.282	ug/l	98
68) m/p-Xylenes	10.36	106	934861	96.476	ug/l	100
69) o-Xylene	10.70	106	459648	48.639	ug/l	98
70) Styrene	10.71	104	744413	49.736	ug/l	99
71) Bromoform	10.86	173	202419	45.603	ug/l	99
73) Isopropylbenzene	11.02	105	1223067	49.214	ug/l	99
74) N-amyl acetate	10.90	43	506154	50.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	387922	49.168	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	362668m	50.779	ug/l	
77) Bromobenzene	11.26	156	328979	48.043	ug/l	99
78) n-propylbenzene	11.36	91	1353364	49.606	ug/l	99
79) 2-Chlorotoluene	11.42	91	797516	48.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	997748	48.048	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	105655	45.049	ug/l	98
82) 4-Chlorotoluene	11.51	91	918473	48.303	ug/l	100
83) tert-Butylbenzene	11.77	119	1027384	49.588	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1026816	49.173	ug/l	99
85) sec-Butylbenzene	11.94	105	1217980	49.224	ug/l	99
86) p-Isopropyltoluene	12.06	119	1087050	49.116	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	586792	47.410	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	585617	49.938	ug/l	100
89) n-Butylbenzene	12.39	91	928076	49.190	ug/l	98
90) Hexachloroethane	12.60	117	170013	48.227	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	581151	47.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	85438	54.754	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	412408	49.214	ug/l	99
94) Hexachlorobutadiene	13.78	225	190573	51.247	ug/l	99
95) Naphthalene	13.83	128	1284492	50.585	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	408591	49.083	ug/l	99

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

