

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122319\
 Data File : VX014216.D
 Acq On : 23 Dec 2019 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/24/2019 8:53:26 AM

Quant Time: Dec 24 03:42:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	529272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	821176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	736095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	284685	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	236837	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	926047	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.14	95	327302	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	203901	43.062	ug/l	99
3) Chloromethane	1.32	50	272200	42.836	ug/l	100
4) Vinyl Chloride	1.40	62	301655	44.989	ug/l	98
5) Bromomethane	1.63	94	161064	33.844	ug/l	100
6) Chloroethane	1.72	64	193220	46.691	ug/l	94
7) Trichlorofluoromethane	1.92	101	388670	46.826	ug/l	100
8) Diethyl Ether	2.18	74	180235	46.268	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	235551	47.078	ug/l	99
10) Methyl Iodide	2.50	142	226006	35.078	ug/l	99
11) Tert butyl alcohol	3.03	59	303986	234.529	ug/l	99
12) 1,1-Dichloroethene	2.37	96	235022	46.162	ug/l	97
13) Acrolein	2.28	56	173160	233.382	ug/l	100
14) Allyl chloride	2.72	41	429340	47.230	ug/l	99
15) Acrylonitrile	3.13	53	752132	248.613	ug/l	99
16) Acetone	2.43	43	634482	162.924	ug/l	99
17) Carbon Disulfide	2.56	76	605175	42.924	ug/l	99
18) Methyl Acetate	2.76	43	397900	51.563	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	817390	48.858	ug/l	98
20) Methylene Chloride	2.85	84	273811	44.649	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	254236	45.327	ug/l	97
22) Diisopropyl ether	3.84	45	878223	48.481	ug/l	96
23) Vinyl Acetate	3.80	43	3021707	204.409	ug/l	100
24) 1,1-Dichloroethane	3.69	63	473527	46.985	ug/l	98
25) 2-Butanone	4.65	43	1040456	216.704	ug/l	98
26) 2,2-Dichloropropane	4.58	77	346925	44.336	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	297802	46.946	ug/l	99
28) Bromochloromethane	5.00	49	197879	51.043	ug/l	99
29) Tetrahydrofuran	5.11	42	673338	250.733	ug/l	99
30) Chloroform	5.20	83	467464	48.929	ug/l	99
31) Cyclohexane	5.57	56	425944	47.519	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	390678	47.980	ug/l	98
36) 1,1-Dichloropropene	5.79	75	349250	46.352	ug/l	99
37) Ethyl Acetate	4.82	43	409681	49.238	ug/l	100
38) Carbon Tetrachloride	5.78	117	330318	48.123	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	419818	45.124	ug/l	97
40) Benzene	6.14	78	1079118	46.547	ug/l	98
41) Methacrylonitrile	5.03	41	225505	48.846	ug/l	100
42) 1,2-Dichloroethane	6.18	62	369217	46.982	ug/l	100
43) Isopropyl Acetate	6.43	43	668550	48.551	ug/l	100
44) Trichloroethene	7.20	130	301526	47.088	ug/l	99
45) 1,2-Dichloropropane	7.51	63	286333	48.187	ug/l	96
46) Dibromomethane	7.65	93	181961	46.316	ug/l	99
47) Bromodichloromethane	7.89	83	363067	49.070	ug/l	99
48) Methyl methacrylate	7.76	41	331597	49.178	ug/l	99
49) 1,4-Dioxane	7.73	88	124597	908.025	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2092545	241.974	ug/l	99
52) Toluene	8.78	92	682609	46.583	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	398874	49.164	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	442132	48.916	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	280238	47.716	ug/l	98
56) Ethyl methacrylate	9.17	69	454502	49.266	ug/l	100
57) 1,3-Dichloropropane	9.37	76	466807	47.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	893772	256.002	ug/l	100
59) 2-Hexanone	9.49	43	1581976	227.246	ug/l	100
60) Dibromochloromethane	9.58	129	291826	49.989	ug/l	98
61) 1,2-Dibromoethane	9.67	107	292171	48.622	ug/l	100
64) Tetrachloroethene	9.33	164	404699	62.132	ug/l	98
65) Chlorobenzene	10.14	112	734239	46.913	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	273384	48.920	ug/l	99
67) Ethyl Benzene	10.25	91	1288615	47.890	ug/l	100
68) m/p-Xylenes	10.35	106	993816	96.028	ug/l	99
69) o-Xylene	10.70	106	483107	47.597	ug/l	99
70) Styrene	10.71	104	830441	48.384	ug/l	100
71) Bromoform	10.85	173	224302	49.933	ug/l	99
73) Isopropylbenzene	11.01	105	1266564	48.712	ug/l	99
74) N-amyl acetate	10.89	43	586518	48.123	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	413297	45.848	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	347229m	43.310	ug/l	
77) Bromobenzene	11.25	156	331477	46.335	ug/l	99
78) n-propylbenzene	11.35	91	1431891	49.096	ug/l	100
79) 2-Chlorotoluene	11.42	91	846082	47.724	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1055751	48.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141314	49.750	ug/l	100
82) 4-Chlorotoluene	11.51	91	976545	47.487	ug/l	99
83) tert-Butylbenzene	11.76	119	917006	43.061	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	1052051	48.007	ug/l	100
85) sec-Butylbenzene	11.94	105	1217813	48.441	ug/l	99
86) p-Isopropyltoluene	12.06	119	1124995	48.921	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	583811	46.563	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	576555	45.225	ug/l	100
89) n-Butylbenzene	12.39	91	963612	49.109	ug/l	100
90) Hexachloroethane	12.59	117	200675	48.583	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	583076	46.197	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89062	44.646	ug/l	94

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93) 1,2,4-Trichlorobenzene	13.64	180	386204	47.078	ug/l	99
94) Hexachlorobutadiene	13.78	225	183525	46.550	ug/l	97
95) Naphthalene	13.83	128	1205120	50.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	389372	48.083	ug/l	98

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

