

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008975.D
 Acq On : 16 Apr 2019 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:58:39 AM

Quant Time: Apr 17 04:54:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	226613	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	354593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	167439	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	5.49	113	123487	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
50) Toluene-d8	8.71	98	511491	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	
62) 4-Bromofluorobenzene	11.13	95	186112	58.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.18%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	145378	55.697	ug/l 99
3) Chloromethane	1.32	50	168673	52.638	ug/l 99
4) Vinyl Chloride	1.41	62	159887	51.265	ug/l 97
5) Bromomethane	1.64	94	89483	46.139	ug/l 99
6) Chloroethane	1.71	64	92975	50.695	ug/l 97
7) Trichlorofluoromethane	1.93	101	180448	49.554	ug/l 98
8) Diethyl Ether	2.18	74	80381	48.267	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112626	48.374	ug/l 99
10) Methyl Iodide	2.51	142	127480	50.072	ug/l 100
11) Tert butyl alcohol	3.04	59	166736	235.204	ug/l 100
12) 1,1-Dichloroethene	2.37	96	111237	45.774	ug/l 96
13) Acrolein	2.29	56	124199	202.769	ug/l 99
14) Allyl chloride	2.73	41	272186	51.338	ug/l 99
15) Acrylonitrile	3.14	53	435086	241.778	ug/l 100
16) Acetone	2.44	43	405065	244.584	ug/l 98
17) Carbon Disulfide	2.57	76	357518	50.063	ug/l 100
18) Methyl Acetate	2.77	43	189865	45.935	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	430960	49.770	ug/l 99
20) Methylene Chloride	2.85	84	136564	48.218	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	125927	48.582	ug/l 96
22) Diisopropyl ether	3.85	45	520877	50.558	ug/l 98
23) Vinyl Acetate	3.81	43	2330404	257.325	ug/l 100
24) 1,1-Dichloroethane	3.69	63	254310	49.174	ug/l 99
25) 2-Butanone	4.67	43	659935	249.293	ug/l 99
26) 2,2-Dichloropropane	4.58	77	195939	50.544	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	144591	49.131	ug/l 99
28) Bromochloromethane	5.01	49	115030	53.692	ug/l 99
29) Tetrahydrofuran	5.12	42	423891	239.238	ug/l 98
30) Chloroform	5.21	83	231112	49.939	ug/l 99
31) Cyclohexane	5.57	56	260472	51.207	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	193383	50.418	ug/l 99
36) 1,1-Dichloropropene	5.79	75	185232	50.510	ug/l 99
37) Ethyl Acetate	4.82	43	243074	51.510	ug/l 100
38) Carbon Tetrachloride	5.78	117	163404	52.559	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241340	54.051	ug/l	99
40) Benzene	6.13	78	553858	51.195	ug/l	100
41) Methacrylonitrile	5.04	41	138562	51.161	ug/l	100
42) 1,2-Dichloroethane	6.19	62	192172	50.144	ug/l	100
43) Isopropyl Acetate	6.44	43	392857	51.661	ug/l	100
44) Trichloroethene	7.21	130	133443	50.341	ug/l	99
45) 1,2-Dichloropropane	7.51	63	155022	51.650	ug/l	99
46) Dibromomethane	7.66	93	88028	50.396	ug/l	100
47) Bromodichloromethane	7.89	83	179729	52.461	ug/l	99
48) Methyl methacrylate	7.76	41	197162	52.472	ug/l	99
49) 1,4-Dioxane	7.74	88	67208	955.629	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1258482	259.766	ug/l	99
52) Toluene	8.78	92	338340	52.182	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213503	54.150	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	234406	53.095	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	133348	51.892	ug/l	99
56) Ethyl methacrylate	9.18	69	248405	53.910	ug/l	99
57) 1,3-Dichloropropane	9.37	76	236642	51.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	660156	266.054	ug/l	99
59) 2-Hexanone	9.49	43	971465	260.087	ug/l	100
60) Dibromochloromethane	9.58	129	133825	54.337	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137683	51.913	ug/l	98
64) Tetrachloroethene	9.33	164	126170	51.946	ug/l	97
65) Chlorobenzene	10.13	112	346612	51.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	124491	52.365	ug/l	99
67) Ethyl Benzene	10.25	91	654289	53.037	ug/l	99
68) m/p-Xylenes	10.35	106	474545	105.846	ug/l	99
69) o-Xylene	10.69	106	229767	52.670	ug/l	99
70) Styrene	10.71	104	403119	53.325	ug/l	99
71) Bromoform	10.85	173	99883	52.736	ug/l #	100
73) Isopropylbenzene	11.02	105	622036	53.247	ug/l	100
74) N-amyl acetate	10.90	43	346000	51.584	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	208499	48.848	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189820m	50.440	ug/l	
77) Bromobenzene	11.25	156	147660	50.098	ug/l	98
78) n-propylbenzene	11.36	91	726327	54.170	ug/l	99
79) 2-Chlorotoluene	11.42	91	422463	52.286	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	523774	53.430	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77286	52.724	ug/l	98
82) 4-Chlorotoluene	11.51	91	491681	52.397	ug/l	100
83) tert-Butylbenzene	11.77	119	494212	52.510	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	526435	52.756	ug/l	99
85) sec-Butylbenzene	11.94	105	611890	54.511	ug/l	100
86) p-Isopropyltoluene	12.06	119	554817	53.761	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	267007	51.758	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	267818	51.214	ug/l	99
89) n-Butylbenzene	12.38	91	525632	54.689	ug/l	100
90) Hexachloroethane	12.60	117	93199	54.747	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	259922	51.025	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45759	47.085	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191143	51.980	ug/l	100
94) Hexachlorobutadiene	13.78	225	96806	52.783	ug/l	99
95) Naphthalene	13.83	128	585694	49.714	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	186076	51.286	ug/l	99

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

