

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092619\
 Data File : VX012686.D
 Acq On : 26 Sep 2019 19:57
 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
 9/27/2019 8:53:43 AM

Quant Time: Sep 27 01:41:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	328777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	136865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	141882	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.49	113	106074	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
50) Toluene-d8	8.71	98	395062	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	155970	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	103740	50.616	ug/l	97
3) Chloromethane	1.32	50	115792	49.200	ug/l	98
4) Vinyl Chloride	1.40	62	119035	50.885	ug/l	96
5) Bromomethane	1.63	94	39506	42.953	ug/l	98
6) Chloroethane	1.71	64	77294	49.014	ug/l	95
7) Trichlorofluoromethane	1.92	101	167191	50.905	ug/l	97
8) Diethyl Ether	2.18	74	69525	51.655	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102345	51.161	ug/l	95
10) Methyl Iodide	2.50	142	98322	46.986	ug/l	95
11) Tert butyl alcohol	3.04	59	170154	256.745	ug/l	99
12) 1,1-Dichloroethene	2.36	96	101120	51.623	ug/l	94
13) Acrolein	2.28	56	30458	89.357	ug/l	95
14) Allyl chloride	2.72	41	198222	51.005	ug/l	98
15) Acrylonitrile	3.13	53	353986	263.274	ug/l	98
16) Acetone	2.44	43	313908	223.384	ug/l	98
17) Carbon Disulfide	2.56	76	259196	47.199	ug/l	100
18) Methyl Acetate	2.76	43	172954	52.270	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	387900	52.317	ug/l	98
20) Methylene Chloride	2.85	84	119109	50.114	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	109235	50.336	ug/l	92
22) Diisopropyl ether	3.84	45	392001	52.201	ug/l	98
23) Vinyl Acetate	3.80	43	1725768	262.059	ug/l	98
24) 1,1-Dichloroethane	3.69	63	210614	51.597	ug/l	98
25) 2-Butanone	4.66	43	497811	247.064	ug/l	98
26) 2,2-Dichloropropane	4.57	77	165302	45.532	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	127291	50.552	ug/l	96
28) Bromochloromethane	5.00	49	86795	58.560	ug/l	99
29) Tetrahydrofuran	5.12	42	323194	263.167	ug/l	98
30) Chloroform	5.20	83	213902	51.220	ug/l	97
31) Cyclohexane	5.57	56	188407	51.020	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	189661	51.243	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157861	49.813	ug/l	99
37) Ethyl Acetate	4.82	43	191644	51.726	ug/l	98
38) Carbon Tetrachloride	5.78	117	159543	49.560	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185129	48.525	ug/l	99
40) Benzene	6.14	78	466024	49.980	ug/l	99
41) Methacrylonitrile	5.03	41	105757	50.875	ug/l	97
42) 1,2-Dichloroethane	6.19	62	180720	51.039	ug/l	99
43) Isopropyl Acetate	6.44	43	311588	50.290	ug/l	99
44) Trichloroethene	7.21	130	117595	49.333	ug/l	96
45) 1,2-Dichloropropane	7.51	63	122760	51.424	ug/l	97
46) Dibromomethane	7.65	93	81587	50.196	ug/l	95
47) Bromodichloromethane	7.89	83	164297	50.577	ug/l	98
48) Methyl methacrylate	7.76	41	152950	51.483	ug/l	96
49) 1,4-Dioxane	7.73	88	66105	981.008	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	974536	254.808	ug/l	97
52) Toluene	8.78	92	299043	51.028	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	182623	50.811	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	198685	50.630	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	119689	51.370	ug/l	97
56) Ethyl methacrylate	9.17	69	204430	52.227	ug/l	94
57) 1,3-Dichloropropane	9.37	76	210643	51.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	474537	270.082	ug/l	98
59) 2-Hexanone	9.49	43	750783	256.459	ug/l	96
60) Dibromochloromethane	9.58	129	124114	52.623	ug/l	98
61) 1,2-Dibromoethane	9.67	107	124905	51.511	ug/l	100
64) Tetrachloroethene	9.33	164	105348	51.323	ug/l	92
65) Chlorobenzene	10.14	112	309001	49.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	115415	51.381	ug/l	98
67) Ethyl Benzene	10.25	91	573217	50.978	ug/l	98
68) m/p-Xylenes	10.36	106	424288	100.730	ug/l	98
69) o-Xylene	10.70	106	205256	50.360	ug/l	98
70) Styrene	10.71	104	358319	52.442	ug/l	100
71) Bromoform	10.86	173	82319	52.631	ug/l #	98
73) Isopropylbenzene	11.01	105	559819	50.221	ug/l	99
74) N-amyl acetate	10.89	43	271110	50.980	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	188903	51.168	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182236m	50.336	ug/l	
77) Bromobenzene	11.25	156	124546	49.366	ug/l	96
78) n-propylbenzene	11.35	91	632707	50.416	ug/l	100
79) 2-Chlorotoluene	11.42	91	387856	49.542	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	474925	50.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59786	47.324	ug/l	98
82) 4-Chlorotoluene	11.51	91	448126	50.213	ug/l	98
83) tert-Butylbenzene	11.77	119	449863	49.889	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	473360	50.198	ug/l	100
85) sec-Butylbenzene	11.94	105	533192	50.838	ug/l	99
86) p-Isopropyltoluene	12.06	119	487322	51.495	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	227517	50.111	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	230091	50.152	ug/l	99
89) n-Butylbenzene	12.39	91	420987	50.483	ug/l	99
90) Hexachloroethane	12.59	117	84932	50.340	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	229980	50.595	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48069	52.051	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144648	52.180	ug/l	99
94) Hexachlorobutadiene	13.78	225	62356	52.288	ug/l	99
95) Naphthalene	13.83	128	549807	54.819	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	147035	52.950	ug/l	99

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

