

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092519\
 Data File : VX012662.D
 Acq On : 25 Sep 2019 17:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:33:50 AM

Quant Time: Sep 26 00:05:56 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	204624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	348224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	151525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	143907	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	107517	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.71	98	409629	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.13	95	164908	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	97383	42.304	ug/l	100
3) Chloromethane	1.31	50	96924	36.667	ug/l	97
4) Vinyl Chloride	1.40	62	110596	42.094	ug/l	100
5) Bromomethane	1.62	94	33453	32.384	ug/l	94
6) Chloroethane	1.71	64	71558	40.401	ug/l	96
7) Trichlorofluoromethane	1.92	101	161077	43.666	ug/l	99
8) Diethyl Ether	2.17	74	65830	43.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102751	45.732	ug/l	94
10) Methyl Iodide	2.50	142	67127	30.504	ug/l	93
11) Tert butyl alcohol	3.03	59	156890	210.773	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99867	45.393	ug/l	98
13) Acrolein	2.28	56	75764	185.472	ug/l	98
14) Allyl chloride	2.72	41	193887	44.419	ug/l	98
15) Acrylonitrile	3.13	53	319501	211.571	ug/l	99
16) Acetone	2.43	43	351135	222.476	ug/l	98
17) Carbon Disulfide	2.56	76	260775	42.280	ug/l	100
18) Methyl Acetate	2.76	43	155704	41.897	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	375578	45.101	ug/l	98
20) Methylene Chloride	2.84	84	113853	42.650	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	107631	44.159	ug/l	97
22) Diisopropyl ether	3.84	45	376944	44.692	ug/l	95
23) Vinyl Acetate	3.80	43	1656289	223.930	ug/l	98
24) 1,1-Dichloroethane	3.69	63	204527	44.611	ug/l	99
25) 2-Butanone	4.65	43	486228	214.855	ug/l	97
26) 2,2-Dichloropropane	4.56	77	184085	45.146	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	124502	44.023	ug/l	96
28) Bromochloromethane	5.00	49	79583	47.807	ug/l	99
29) Tetrahydrofuran	5.11	42	294652	213.618	ug/l	98
30) Chloroform	5.19	83	204745	43.651	ug/l	97
31) Cyclohexane	5.56	56	190761	45.993	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	185454	44.612	ug/l	99
36) 1,1-Dichloropropene	5.78	75	154182	45.935	ug/l	98
37) Ethyl Acetate	4.81	43	176925	45.087	ug/l	98
38) Carbon Tetrachloride	5.77	117	154628	45.350	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	193871	47.979	ug/l	99
40) Benzene	6.13	78	452772	45.847	ug/l	98
41) Methacrylonitrile	5.03	41	99321	45.111	ug/l	97
42) 1,2-Dichloroethane	6.18	62	172048	45.877	ug/l	98
43) Isopropyl Acetate	6.43	43	294871	44.934	ug/l	98
44) Trichloroethene	7.20	130	115913	45.912	ug/l	95
45) 1,2-Dichloropropane	7.50	63	119065	47.090	ug/l	97
46) Dibromomethane	7.65	93	77850	45.222	ug/l	96
47) Bromodichloromethane	7.89	83	158783	46.150	ug/l	99
48) Methyl methacrylate	7.76	41	144054	45.781	ug/l	95
49) 1,4-Dioxane	7.73	88	60433	846.750	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	899036	221.940	ug/l	97
52) Toluene	8.78	92	285821	46.048	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	182978	48.067	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	197269	47.462	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	114500	46.399	ug/l	98
56) Ethyl methacrylate	9.17	69	196710	47.448	ug/l	94
57) 1,3-Dichloropropane	9.36	76	199065	46.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	469006	252.027	ug/l	98
59) 2-Hexanone	9.48	43	711679	229.526	ug/l	95
60) Dibromochloromethane	9.57	129	118940	47.613	ug/l	100
61) 1,2-Dibromoethane	9.67	107	120177	46.794	ug/l	100
64) Tetrachloroethene	9.33	164	100838	45.927	ug/l	96
65) Chlorobenzene	10.14	112	301393	45.450	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	110750	46.094	ug/l	98
67) Ethyl Benzene	10.25	91	569709	47.367	ug/l	97
68) m/p-Xylenes	10.36	106	419521	93.113	ug/l	99
69) o-Xylene	10.70	106	202261	46.394	ug/l	96
70) Styrene	10.71	104	356554	48.786	ug/l	99
71) Bromoform	10.85	173	79947	47.787	ug/l #	100
73) Isopropylbenzene	11.01	105	558280	45.237	ug/l	100
74) N-amyl acetate	10.89	43	267204	45.384	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	180244	44.099	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	173806m	43.363	ug/l	
77) Bromobenzene	11.25	156	123279	44.136	ug/l	95
78) n-propylbenzene	11.35	91	633813	45.618	ug/l	99
79) 2-Chlorotoluene	11.42	91	379954	43.837	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	477143	46.105	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	60299	43.112	ug/l	98
82) 4-Chlorotoluene	11.51	91	451890	45.736	ug/l	97
83) tert-Butylbenzene	11.76	119	457228	45.800	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	480348	46.010	ug/l	99
85) sec-Butylbenzene	11.94	105	542690	46.737	ug/l	99
86) p-Isopropyltoluene	12.06	119	498900	47.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233327	46.419	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	233477	45.966	ug/l	99
89) n-Butylbenzene	12.39	91	449971	48.738	ug/l	99
90) Hexachloroethane	12.59	117	82879	44.370	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	229963	45.697	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46254	45.240	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	154083	50.206	ug/l	98
94) Hexachlorobutadiene	13.78	225	65590	49.679	ug/l	100
95) Naphthalene	13.83	128	566800	51.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	154667	50.310	ug/l	100

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

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