

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012856.D
 Acq On : 07 Oct 2019 22:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:11 PM

Quant Time: Oct 08 12:36:50 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	175163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	117954	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.49	113	95892	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	8.71	98	354139	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	141957	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	75691	38.411	ug/l	95
3) Chloromethane	1.31	50	85243	37.672	ug/l	98
4) Vinyl Chloride	1.40	62	95938	42.656	ug/l	98
5) Bromomethane	1.62	94	33761	38.179	ug/l	99
6) Chloroethane	1.70	64	62566	41.265	ug/l	100
7) Trichlorofluoromethane	1.91	101	135531	42.920	ug/l	100
8) Diethyl Ether	2.18	74	59421	45.918	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88922	46.234	ug/l	97
10) Methyl Iodide	2.50	142	67874	35.133	ug/l	93
11) Tert butyl alcohol	3.04	59	148504	233.063	ug/l	99
12) 1,1-Dichloroethene	2.36	96	89929	47.751	ug/l	95
13) Acrolein	2.28	56	73200	208.018	ug/l	100
14) Allyl chloride	2.72	41	169001	45.230	ug/l	95
15) Acrylonitrile	3.13	53	308914	238.965	ug/l	98
16) Acetone	2.44	43	259845	192.326	ug/l	93
17) Carbon Disulfide	2.56	76	217701	41.233	ug/l	99
18) Methyl Acetate	2.76	43	157526	49.516	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	345948	48.530	ug/l	97
20) Methylene Chloride	2.84	84	106390	46.557	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	95544	45.793	ug/l	97
22) Diisopropyl ether	3.84	45	343078	47.518	ug/l	96
23) Vinyl Acetate	3.80	43	1470077	232.183	ug/l	97
24) 1,1-Dichloroethane	3.69	63	186050	47.407	ug/l	98
25) 2-Butanone	4.66	43	421945	217.809	ug/l	94
26) 2,2-Dichloropropane	4.57	77	135668	38.868	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	115107	47.546	ug/l	93
28) Bromochloromethane	5.00	49	64658	45.374	ug/l	95
29) Tetrahydrofuran	5.11	42	272344	230.654	ug/l	95
30) Chloroform	5.20	83	188528	46.954	ug/l	97
31) Cyclohexane	5.57	56	157276	44.298	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	164136	46.125	ug/l	98
36) 1,1-Dichloropropene	5.79	75	137756	46.957	ug/l	98
37) Ethyl Acetate	4.82	43	161112	46.975	ug/l	97
38) Carbon Tetrachloride	5.78	117	137300	46.072	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	161075	45.608	ug/l	95
40) Benzene	6.13	78	419099	48.554	ug/l	100
41) Methacrylonitrile	5.03	41	93557	48.618	ug/l	95
42) 1,2-Dichloroethane	6.18	62	153132	46.718	ug/l	97
43) Isopropyl Acetate	6.43	43	268070	46.738	ug/l	97
44) Trichloroethene	7.21	130	105933	48.006	ug/l	95
45) 1,2-Dichloropropane	7.51	63	107528	48.657	ug/l	100
46) Dibromomethane	7.65	93	71716	47.664	ug/l	100
47) Bromodichloromethane	7.89	83	146126	48.592	ug/l	97
48) Methyl methacrylate	7.76	41	129481	47.080	ug/l	92
49) 1,4-Dioxane	7.73	88	58823	942.985	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	841186	237.589	ug/l	95
52) Toluene	8.78	92	263638	48.596	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160276	48.172	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	174956	48.161	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	109130	50.597	ug/l	98
56) Ethyl methacrylate	9.17	69	183084	50.527	ug/l	91
57) 1,3-Dichloropropane	9.37	76	187263	49.608	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	426070	261.955	ug/l	100
59) 2-Hexanone	9.49	43	652611	240.812	ug/l	94
60) Dibromochloromethane	9.58	129	113293	51.889	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113290	50.470	ug/l	100
64) Tetrachloroethene	9.33	164	95866	50.323	ug/l	94
65) Chlorobenzene	10.14	112	280231	48.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	105146	50.438	ug/l	98
67) Ethyl Benzene	10.25	91	514503	49.303	ug/l	99
68) m/p-Xylenes	10.35	106	380903	97.438	ug/l	99
69) o-Xylene	10.70	106	188816	49.917	ug/l	98
70) Styrene	10.71	104	323754	51.055	ug/l	99
71) Bromoform	10.85	173	78223	53.888	ug/l #	97
73) Isopropylbenzene	11.01	105	503033	47.658	ug/l	100
74) N-amyl acetate	10.89	43	241249	47.910	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	172908	49.464	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	159842m	46.627	ug/l	
77) Bromobenzene	11.25	156	115990	48.554	ug/l	98
78) n-propylbenzene	11.35	91	569743	47.946	ug/l	100
79) 2-Chlorotoluene	11.42	91	343198	46.297	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	430613	48.650	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52668	44.029	ug/l	95
82) 4-Chlorotoluene	11.51	91	398334	47.138	ug/l	99
83) tert-Butylbenzene	11.76	119	415406	48.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	429655	48.119	ug/l	99
85) sec-Butylbenzene	11.94	105	486173	48.956	ug/l	99
86) p-Isopropyltoluene	12.06	119	442536	49.386	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216178	50.285	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	213762	49.207	ug/l	99
89) n-Butylbenzene	12.39	91	367438	46.534	ug/l	99
90) Hexachloroethane	12.59	117	74992	46.942	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	215879	50.158	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	41673	47.657	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	135042	51.448	ug/l	99
94) Hexachlorobutadiene	13.78	225	57478	50.902	ug/l	99
95) Naphthalene	13.83	128	478533	50.390	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134187	51.035	ug/l	100

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

