

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092619\
 Data File : VX012664.D
 Acq On : 26 Sep 2019 10:58
 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
 9/27/2019 8:53:50 AM

Quant Time: Sep 27 00:08:36 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	5.64	168	209388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	360617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	321367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	152100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	153428	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	5.48	113	116105	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	8.71	98	435373	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	11.13	95	177183	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	119185	50.597	ug/l	99
3) Chloromethane	1.31	50	123353	45.604	ug/l	99
4) Vinyl Chloride	1.40	62	133009	49.473	ug/l	96
5) Bromomethane	1.62	94	48932	46.291	ug/l	93
6) Chloroethane	1.71	64	85039	46.920	ug/l	99
7) Trichlorofluoromethane	1.92	101	189881	50.303	ug/l	98
8) Diethyl Ether	2.17	74	76936	49.735	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112625	48.986	ug/l	96
10) Methyl Iodide	2.50	142	103000	43.266	ug/l	97
11) Tert butyl alcohol	3.03	59	182245	239.266	ug/l	99
12) 1,1-Dichloroethene	2.36	96	108459	48.176	ug/l	99
13) Acrolein	2.28	56	36929	93.705	ug/l	99
14) Allyl chloride	2.72	41	224981	50.370	ug/l	97
15) Acrylonitrile	3.12	53	363225	235.052	ug/l	99
16) Acetone	2.43	43	410016	253.872	ug/l	98
17) Carbon Disulfide	2.56	76	311307	49.325	ug/l	100
18) Methyl Acetate	2.76	43	176190	46.331	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	430479	50.518	ug/l	99
20) Methylene Chloride	2.84	84	131297	48.065	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	124248	49.816	ug/l	92
22) Diisopropyl ether	3.84	45	430652	49.898	ug/l	98
23) Vinyl Acetate	3.80	43	1913627	252.836	ug/l	99
24) 1,1-Dichloroethane	3.68	63	232970	49.659	ug/l	98
25) 2-Butanone	4.65	43	554296	239.360	ug/l	98
26) 2,2-Dichloropropane	4.56	77	216549	51.899	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	141700	48.964	ug/l	97
28) Bromochloromethane	5.00	49	96945	56.911	ug/l	99
29) Tetrahydrofuran	5.11	42	329323	233.322	ug/l	98
30) Chloroform	5.19	83	236090	49.189	ug/l	98
31) Cyclohexane	5.56	56	216531	51.019	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	212549	49.966	ug/l	99
36) 1,1-Dichloropropene	5.78	75	178777	51.432	ug/l	98
37) Ethyl Acetate	4.81	43	199051	48.982	ug/l	98
38) Carbon Tetrachloride	5.77	117	182611	51.717	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	221064	52.828	ug/l	99
40) Benzene	6.12	78	518648	50.712	ug/l	99
41) Methacrylonitrile	5.03	41	111200	48.771	ug/l	95
42) 1,2-Dichloroethane	6.18	62	195619	50.369	ug/l	100
43) Isopropyl Acetate	6.43	43	336685	49.543	ug/l	98
44) Trichloroethene	7.20	130	133538	51.075	ug/l	96
45) 1,2-Dichloropropane	7.50	63	135743	51.842	ug/l	99
46) Dibromomethane	7.65	93	88742	49.778	ug/l	95
47) Bromodichloromethane	7.89	83	187182	52.534	ug/l	97
48) Methyl methacrylate	7.76	41	165154	50.683	ug/l	96
49) 1,4-Dioxane	7.73	88	71871	972.405	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1012820	241.436	ug/l	96
52) Toluene	8.78	92	332051	51.658	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	213451	54.145	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	227778	52.919	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	129641	50.729	ug/l	99
56) Ethyl methacrylate	9.17	69	222366	51.793	ug/l	94
57) 1,3-Dichloropropane	9.36	76	227309	50.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	477179	247.606	ug/l	98
59) 2-Hexanone	9.48	43	809611	252.137	ug/l	96
60) Dibromochloromethane	9.57	129	137483	53.145	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134570	50.597	ug/l	98
64) Tetrachloroethene	9.33	164	115753	51.661	ug/l	94
65) Chlorobenzene	10.13	112	343596	50.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	126812	51.719	ug/l	99
67) Ethyl Benzene	10.25	91	643211	52.404	ug/l	98
68) m/p-Xylenes	10.35	106	480389	104.480	ug/l	99
69) o-Xylene	10.70	106	232230	52.198	ug/l	98
70) Styrene	10.71	104	401200	53.791	ug/l	100
71) Bromoform	10.85	173	91165	53.397	ug/l #	97
73) Isopropylbenzene	11.01	105	628398	50.726	ug/l	99
74) N-amyl acetate	10.89	43	301993	51.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	203515	49.605	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	202683m	50.376	ug/l	
77) Bromobenzene	11.25	156	140210	50.008	ug/l	95
78) n-propylbenzene	11.35	91	729278	52.290	ug/l	100
79) 2-Chlorotoluene	11.42	91	436578	50.180	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	543683	52.336	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	72059	51.326	ug/l	97
82) 4-Chlorotoluene	11.51	91	510007	51.423	ug/l	98
83) tert-Butylbenzene	11.76	119	518532	51.745	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	541533	51.675	ug/l	99
85) sec-Butylbenzene	11.94	105	615178	52.780	ug/l	99
86) p-Isopropyltoluene	12.06	119	568889	54.092	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	260709	51.670	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	261392	51.267	ug/l	99
89) n-Butylbenzene	12.39	91	510974	55.136	ug/l	99
90) Hexachloroethane	12.59	117	98527	52.548	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	259949	51.460	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52311	50.971	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	172353	55.947	ug/l	99
94) Hexachlorobutadiene	13.78	225	76390	57.640	ug/l	99
95) Naphthalene	13.83	128	609495	54.683	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	169366	54.883	ug/l	98

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

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