

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071819\
 Data File : VX010947.D
 Acq On : 18 Jul 2019 10:27
 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
 7/22/2019 12:03:20 PM

Quant Time: Jul 18 14:14:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 12:41:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	222830	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	323140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113682	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	5.49	113	106875	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	8.71	98	398936	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	150222	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117003	49.250	ug/l	99
3) Chloromethane	1.32	50	102643	50.091	ug/l	98
4) Vinyl Chloride	1.41	62	107613	51.487	ug/l	99
5) Bromomethane	1.64	94	55295	46.947	ug/l	98
6) Chloroethane	1.71	64	64133	48.284	ug/l	98
7) Trichlorofluoromethane	1.93	101	179937	50.858	ug/l	97
8) Diethyl Ether	2.19	74	59249	48.604	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102483	50.731	ug/l	99
10) Methyl Iodide	2.51	142	126920	47.877	ug/l	97
11) Tert butyl alcohol	3.04	59	116957	211.846	ug/l	98
12) 1,1-Dichloroethene	2.37	96	98749	49.752	ug/l	97
13) Acrolein	2.29	56	69480	217.823	ug/l	100
14) Allyl chloride	2.73	41	142939	49.580	ug/l	97
15) Acrylonitrile	3.14	53	261066	234.016	ug/l	98
16) Acetone	2.44	43	275540	257.354	ug/l	96
17) Carbon Disulfide	2.57	76	250025	49.108	ug/l	100
18) Methyl Acetate	2.77	43	110835	45.463	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	310472	48.591	ug/l	98
20) Methylene Chloride	2.85	84	107310	47.295	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	101907	48.389	ug/l	95
22) Diisopropyl ether	3.85	45	296871	48.824	ug/l	91
23) Vinyl Acetate	3.81	43	1303356	252.985	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169837	48.096	ug/l	100
25) 2-Butanone	4.67	43	382574	248.957	ug/l	100
26) 2,2-Dichloropropane	4.58	77	143165	49.377	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	118260	48.521	ug/l	96
28) Bromochloromethane	5.01	49	80882	48.606	ug/l	94
29) Tetrahydrofuran	5.12	42	230609	236.898	ug/l	98
30) Chloroform	5.21	83	184288	48.283	ug/l	95
31) Cyclohexane	5.57	56	162197	50.392	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	162677	49.263	ug/l	99
36) 1,1-Dichloropropene	5.79	75	136641	51.479	ug/l	97
37) Ethyl Acetate	4.83	43	135000	49.670	ug/l	99
38) Carbon Tetrachloride	5.78	117	144826	52.361	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180498	52.438	ug/l	97
40) Benzene	6.14	78	414200	50.943	ug/l	100
41) Methacrylonitrile	5.04	41	75392	48.864	ug/l	96
42) 1,2-Dichloroethane	6.18	62	140401	49.664	ug/l	97
43) Isopropyl Acetate	6.44	43	221490	49.560	ug/l	97
44) Trichloroethene	7.21	130	120568	50.097	ug/l	97
45) 1,2-Dichloropropane	7.51	63	103250	49.893	ug/l	100
46) Dibromomethane	7.66	93	75714	51.202	ug/l	95
47) Bromodichloromethane	7.90	83	139207	52.885	ug/l	97
48) Methyl methacrylate	7.76	41	108588	49.877	ug/l	96
49) 1,4-Dioxane	7.73	88	58233	956.220	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	730585	252.184	ug/l	98
52) Toluene	8.78	92	268775	50.320	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	152796	53.985	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167231	53.099	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	110669	50.321	ug/l	99
56) Ethyl methacrylate	9.18	69	169966	52.834	ug/l	95
57) 1,3-Dichloropropane	9.37	76	175804	50.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	408758	266.177	ug/l	99
59) 2-Hexanone	9.49	43	585162	260.420	ug/l	97
60) Dibromochloromethane	9.58	129	123227	48.752	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121064	51.870	ug/l	99
64) Tetrachloroethene	9.34	164	121571	51.180	ug/l	97
65) Chlorobenzene	10.13	112	306309	49.391	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	112310	51.527	ug/l	99
67) Ethyl Benzene	10.25	91	538371	51.001	ug/l	100
68) m/p-Xylenes	10.36	106	416799	102.933	ug/l	98
69) o-Xylene	10.69	106	199395	50.456	ug/l	97
70) Styrene	10.71	104	343243	52.104	ug/l	97
71) Bromoform	10.85	173	92349	46.710	ug/l #	99
73) Isopropylbenzene	11.02	105	547021	50.002	ug/l	98
74) N-amyl acetate	10.90	43	205829	49.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	172158	48.087	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	145455m	48.452	ug/l	
77) Bromobenzene	11.25	156	147232	48.791	ug/l	96
78) n-propylbenzene	11.36	91	621446	51.411	ug/l	98
79) 2-Chlorotoluene	11.42	91	360517	49.648	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	464385	50.800	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52043	45.517	ug/l	89
82) 4-Chlorotoluene	11.51	91	424905	50.276	ug/l	99
83) tert-Butylbenzene	11.77	119	450289	50.148	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	471693	51.195	ug/l	99
85) sec-Butylbenzene	11.94	105	541697	51.486	ug/l	99
86) p-Isopropyltoluene	12.06	119	508689	52.297	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	266475	50.885	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263749	49.081	ug/l	99
89) n-Butylbenzene	12.38	91	444774	53.448	ug/l	99
90) Hexachloroethane	12.60	117	80982	52.785	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	258229	49.754	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36070	48.198	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181905	51.716	ug/l	99
94) Hexachlorobutadiene	13.78	225	90525	51.935	ug/l	99
95) Naphthalene	13.83	128	529788	51.007	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	181967	51.994	ug/l	99

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

