

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072519\
 Data File : VX011064.D
 Acq On : 25 Jul 2019 09:25
 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
 7/26/2019 9:49:15 AM

Quant Time: Jul 26 01:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	331668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	170879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118477	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	5.49	113	105112	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.71	98	386881	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	156768	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121829	50.346	ug/l	99
3) Chloromethane	1.32	50	103615	49.654	ug/l	98
4) Vinyl Chloride	1.41	62	108355	50.908	ug/l	100
5) Bromomethane	1.64	94	58667	48.912	ug/l	99
6) Chloroethane	1.71	64	68104	50.350	ug/l	95
7) Trichlorofluoromethane	1.92	101	190487	52.869	ug/l	98
8) Diethyl Ether	2.19	74	65048	52.400	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111921	54.404	ug/l	98
10) Methyl Iodide	2.51	142	143400	53.118	ug/l	98
11) Tert butyl alcohol	3.05	59	137992	245.443	ug/l	99
12) 1,1-Dichloroethene	2.37	96	103422	51.168	ug/l	96
13) Acrolein	2.29	56	72595	223.487	ug/l	97
14) Allyl chloride	2.73	41	158340	53.932	ug/l	99
15) Acrylonitrile	3.14	53	296583	261.062	ug/l	100
16) Acetone	2.45	43	319571	293.100	ug/l	98
17) Carbon Disulfide	2.57	76	248272	47.885	ug/l	99
18) Methyl Acetate	2.77	43	135087	54.412	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	361202	55.512	ug/l	100
20) Methylene Chloride	2.85	84	119389	51.670	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	110480	51.515	ug/l	98
22) Diisopropyl ether	3.85	45	335777	54.227	ug/l	92
23) Vinyl Acetate	3.81	43	1464555	279.151	ug/l	100
24) 1,1-Dichloroethane	3.69	63	189759	52.769	ug/l	98
25) 2-Butanone	4.67	43	435626	278.332	ug/l	98
26) 2,2-Dichloropropane	4.58	77	169373	57.363	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	130338	52.513	ug/l	99
28) Bromochloromethane	5.01	49	82691	48.798	ug/l	99
29) Tetrahydrofuran	5.12	42	260677	262.934	ug/l	99
30) Chloroform	5.21	83	208904	53.746	ug/l	99
31) Cyclohexane	5.57	56	167885	51.220	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	184649	54.909	ug/l	99
36) 1,1-Dichloropropene	5.79	75	148032	54.337	ug/l	100
37) Ethyl Acetate	4.83	43	153298	54.952	ug/l	99
38) Carbon Tetrachloride	5.78	117	164228	57.849	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190269	53.855	ug/l	98
40) Benzene	6.14	78	452485	54.221	ug/l	99
41) Methacrylonitrile	5.04	41	86349	54.526	ug/l	97
42) 1,2-Dichloroethane	6.19	62	165745	57.122	ug/l	99
43) Isopropyl Acetate	6.44	43	256891	56.004	ug/l	99
44) Trichloroethene	7.21	130	133296	53.961	ug/l	92
45) 1,2-Dichloropropane	7.51	63	116899	55.036	ug/l	98
46) Dibromomethane	7.66	93	85896	56.594	ug/l	99
47) Bromodichloromethane	7.90	83	164109	60.742	ug/l	98
48) Methyl methacrylate	7.77	41	125996	56.385	ug/l	98
49) 1,4-Dioxane	7.74	88	66382	1062.004	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	844585	284.038	ug/l	100
52) Toluene	8.78	92	297171	54.206	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	181251	62.392	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	191956	59.382	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	127077	56.296	ug/l	98
56) Ethyl methacrylate	9.18	69	196205	59.422	ug/l	99
57) 1,3-Dichloropropane	9.37	76	200287	55.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	323367	205.158	ug/l	99
59) 2-Hexanone	9.49	43	678661	294.265	ug/l	99
60) Dibromochloromethane	9.58	129	143846	55.099	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137115	57.237	ug/l	100
64) Tetrachloroethene	9.34	164	129890	53.609	ug/l	98
65) Chlorobenzene	10.13	112	343942	54.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	133108	59.871	ug/l	100
67) Ethyl Benzene	10.25	91	602093	55.918	ug/l	99
68) m/p-Xylenes	10.35	106	465942	112.811	ug/l	99
69) o-Xylene	10.69	106	226125	56.097	ug/l	98
70) Styrene	10.71	104	395642	58.879	ug/l	100
71) Bromoform	10.85	173	112035	55.072	ug/l #	99
73) Isopropylbenzene	11.02	105	616741	53.415	ug/l	99
74) N-amyl acetate	10.90	43	244945	55.521	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	200022	52.936	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	173462m	56.253	ug/l	
77) Bromobenzene	11.25	156	170409	53.506	ug/l	98
78) n-propylbenzene	11.36	91	710887	55.722	ug/l	100
79) 2-Chlorotoluene	11.42	91	418196	54.568	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	537691	55.730	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65050	53.172	ug/l	99
82) 4-Chlorotoluene	11.51	91	497792	55.807	ug/l	99
83) tert-Butylbenzene	11.77	119	526506	55.557	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	542537	55.792	ug/l	100
85) sec-Butylbenzene	11.94	105	624778	56.264	ug/l	99
86) p-Isopropyltoluene	12.06	119	586249	57.106	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	308452	55.808	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	309110	54.530	ug/l	98
89) n-Butylbenzene	12.38	91	518541	59.041	ug/l	100
90) Hexachloroethane	12.59	117	96895	59.841	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	300648	54.886	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45838	58.034	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	213892	57.617	ug/l	98
94) Hexachlorobutadiene	13.78	225	104878	57.010	ug/l	98
95) Naphthalene	13.83	128	626366	57.138	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	212952	57.653	ug/l	98

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

