

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071719\
 Data File : VX010923.D
 Acq On : 17 Jul 2019 09:47
 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 10:58:03 AM

Quant Time: Jul 18 03:11:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	350940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	172997	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	122121	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
35) Dibromofluoromethane	5.49	113	110599	49.65	ug/l	-0.01
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	8.71	98	420052	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	158313	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	130487	51.524	ug/l	100
3) Chloromethane	1.32	50	116168	53.206	ug/l	100
4) Vinyl Chloride	1.41	62	118765	53.329	ug/l	99
5) Bromomethane	1.64	94	60643	48.322	ug/l	99
6) Chloroethane	1.72	64	69940	49.418	ug/l	98
7) Trichlorofluoromethane	1.93	101	195146	51.765	ug/l	100
8) Diethyl Ether	2.19	74	64665	49.785	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111925	51.998	ug/l	99
10) Methyl Iodide	2.51	142	145198	51.404	ug/l	99
11) Tert butyl alcohol	3.04	59	124388	211.454	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108601	51.352	ug/l	99
13) Acrolein	2.29	56	71859	211.430	ug/l	99
14) Allyl chloride	2.73	41	159121	51.799	ug/l	99
15) Acrylonitrile	3.14	53	291595	245.311	ug/l	99
16) Acetone	2.44	43	324989	284.877	ug/l	99
17) Carbon Disulfide	2.57	76	287560	53.008	ug/l	99
18) Methyl Acetate	2.77	43	120570	46.415	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	343290	50.424	ug/l	100
20) Methylene Chloride	2.85	84	119443	49.405	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	115257	51.364	ug/l	91
22) Diisopropyl ether	3.85	45	328272	50.669	ug/l	98
23) Vinyl Acetate	3.81	43	1441800	262.650	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188900	50.205	ug/l	99
25) 2-Butanone	4.67	43	432464	264.082	ug/l	99
26) 2,2-Dichloropropane	4.58	77	160019	51.796	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	130693	50.325	ug/l	98
28) Bromochloromethane	5.01	49	82630	46.603	ug/l	98
29) Tetrahydrofuran	5.12	42	250217	241.213	ug/l	100
30) Chloroform	5.21	83	201859	49.634	ug/l	99
31) Cyclohexane	5.57	56	175400	51.144	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	180440	51.283	ug/l	99
36) 1,1-Dichloropropene	5.79	75	148882	51.648	ug/l	99
37) Ethyl Acetate	4.82	43	151307	51.260	ug/l	100
38) Carbon Tetrachloride	5.78	117	161739	53.844	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199193	53.285	ug/l	99
40) Benzene	6.13	78	456624	51.712	ug/l	99
41) Methacrylonitrile	5.04	41	81898	48.876	ug/l	99
42) 1,2-Dichloroethane	6.19	62	155126	50.526	ug/l	100
43) Isopropyl Acetate	6.44	43	245556	50.593	ug/l	99
44) Trichloroethene	7.21	130	133336	51.013	ug/l	95
45) 1,2-Dichloropropane	7.51	63	113317	50.420	ug/l	97
46) Dibromomethane	7.66	93	83068	51.725	ug/l	99
47) Bromodichloromethane	7.89	83	153851	53.818	ug/l	97
48) Methyl methacrylate	7.76	41	118936	50.302	ug/l	98
49) 1,4-Dioxane	7.74	88	63017	952.806	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	805910	256.148	ug/l	100
52) Toluene	8.78	92	298765	51.504	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	169571	55.166	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	187654	54.863	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	123761	51.816	ug/l	95
56) Ethyl methacrylate	9.18	69	188421	53.931	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192466	50.796	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	466166	279.514	ug/l	100
59) 2-Hexanone	9.49	43	650127	266.413	ug/l	100
60) Dibromochloromethane	9.58	129	136032	49.513	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131883	52.030	ug/l	99
64) Tetrachloroethene	9.34	164	132418	52.418	ug/l	100
65) Chlorobenzene	10.13	112	338173	51.273	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	125141	53.986	ug/l	99
67) Ethyl Benzene	10.25	91	592962	52.819	ug/l	100
68) m/p-Xylenes	10.35	106	453870	105.396	ug/l	99
69) o-Xylene	10.69	106	217869	51.839	ug/l	99
70) Styrene	10.71	104	378347	54.003	ug/l	100
71) Bromoform	10.85	173	104447	49.513	ug/l #	100
73) Isopropylbenzene	11.02	105	595596	50.952	ug/l	100
74) N-amyl acetate	10.90	43	231577	51.848	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	189097	49.432	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	160425m	51.388	ug/l	
77) Bromobenzene	11.25	156	161394	50.055	ug/l	99
78) n-propylbenzene	11.36	91	683942	52.954	ug/l	99
79) 2-Chlorotoluene	11.42	91	396838	51.147	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	504656	51.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59864	48.696	ug/l	99
82) 4-Chlorotoluene	11.51	91	469579	52.000	ug/l	100
83) tert-Butylbenzene	11.77	119	496432	51.743	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	510717	51.877	ug/l	99
85) sec-Butylbenzene	11.94	105	596641	53.073	ug/l	100
86) p-Isopropyltoluene	12.06	119	553623	53.268	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	290816	51.973	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	286241	49.878	ug/l	98
89) n-Butylbenzene	12.38	91	487169	54.790	ug/l	100
90) Hexachloroethane	12.59	117	91951	56.092	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	280577	50.594	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39427	49.306	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	196925	52.397	ug/l	98
94) Hexachlorobutadiene	13.78	225	99340	53.338	ug/l	99
95) Naphthalene	13.83	128	583629	52.588	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	198431	53.064	ug/l	99

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

