

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010711.D
 Acq On : 08 Jul 2019 21:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:23:35 AM

Quant Time: Jul 09 03:06:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104958	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.50	113	101431	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.71	98	368289	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.13	95	139562	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	92178	60.303	ug/l 98
3) Chloromethane	1.32	50	97951	55.031	ug/l 99
4) Vinyl Chloride	1.41	62	104140	53.417	ug/l 100
5) Bromomethane	1.64	94	55887	58.842	ug/l 99
6) Chloroethane	1.71	64	67187	58.413	ug/l 98
7) Trichlorofluoromethane	1.92	101	177033	57.283	ug/l 99
8) Diethyl Ether	2.19	74	61687	55.659	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100595	53.712	ug/l 99
10) Methyl Iodide	2.51	142	132284	49.492	ug/l 97
11) Tert butyl alcohol	3.05	59	126162	233.886	ug/l 98
12) 1,1-Dichloroethene	2.37	96	102185	53.619	ug/l 98
13) Acrolein	2.29	56	77530	216.663	ug/l 100
14) Allyl chloride	2.73	41	146197	54.035	ug/l 97
15) Acrylonitrile	3.14	53	293583	274.894	ug/l 100
16) Acetone	2.45	43	235220	227.674	ug/l 97
17) Carbon Disulfide	2.57	76	256345	50.137	ug/l 99
18) Methyl Acetate	2.78	43	115698	56.188	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	328339	54.766	ug/l 97
20) Methylene Chloride	2.85	84	115660	54.399	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	107297	52.349	ug/l 97
22) Diisopropyl ether	3.85	45	314049	55.517	ug/l 95
23) Vinyl Acetate	3.81	43	1371758	280.702	ug/l 99
24) 1,1-Dichloroethane	3.70	63	179450	54.880	ug/l 98
25) 2-Butanone	4.67	43	396164	261.410	ug/l 99
26) 2,2-Dichloropropane	4.58	77	129329	45.530	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	125211	52.864	ug/l 99
28) Bromochloromethane	5.01	49	77582	49.625	ug/l 93
29) Tetrahydrofuran	5.13	42	258099	274.952	ug/l 99
30) Chloroform	5.21	83	191980	54.568	ug/l 98
31) Cyclohexane	5.57	56	162491	54.570	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	169121	54.440	ug/l 99
36) 1,1-Dichloropropene	5.80	75	138448	52.186	ug/l 99
37) Ethyl Acetate	4.84	43	149760	54.872	ug/l 99
38) Carbon Tetrachloride	5.78	117	148665	51.749	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177082	50.780	ug/l	99
40) Benzene	6.14	78	440470	53.292	ug/l	99
41) Methacrylonitrile	5.04	41	79674	53.205	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143532	57.049	ug/l	98
43) Isopropyl Acetate	6.45	43	245594	54.389	ug/l	97
44) Trichloroethene	7.21	130	127840	51.691	ug/l	99
45) 1,2-Dichloropropane	7.51	63	110156	52.777	ug/l	100
46) Dibromomethane	7.66	93	79525	53.105	ug/l	97
47) Bromodichloromethane	7.90	83	143192	52.177	ug/l	99
48) Methyl methacrylate	7.77	41	116760	55.630	ug/l	97
49) 1,4-Dioxane	7.74	88	62386	1031.807	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	805728	278.998	ug/l	98
52) Toluene	8.79	92	285300	52.417	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157619	51.228	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172482	51.585	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118803	52.924	ug/l	99
56) Ethyl methacrylate	9.18	69	183701	54.021	ug/l	96
57) 1,3-Dichloropropane	9.37	76	186933	53.646	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	385658	238.796	ug/l	99
59) 2-Hexanone	9.49	43	622623	273.932	ug/l	98
60) Dibromochloromethane	9.58	129	130126	51.773	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127706	52.706	ug/l	100
64) Tetrachloroethene	9.34	164	122138	48.767	ug/l	98
65) Chlorobenzene	10.13	112	322244	51.260	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	118540	51.767	ug/l	99
67) Ethyl Benzene	10.25	91	555727	52.363	ug/l	99
68) m/p-Xylenes	10.36	106	434442	105.646	ug/l	99
69) o-Xylene	10.69	106	211959	52.413	ug/l	99
70) Styrene	10.71	104	360759	53.194	ug/l	98
71) Bromoform	10.85	173	98612	49.521	ug/l	99
73) Isopropylbenzene	11.02	105	564088	51.232	ug/l	99
74) N-amyl acetate	10.90	43	225155	54.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	185668	50.918	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153975m	52.021	ug/l	
77) Bromobenzene	11.26	156	153055	49.783	ug/l	98
78) n-propylbenzene	11.36	91	629867	52.050	ug/l	99
79) 2-Chlorotoluene	11.42	91	372112	51.640	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	473729	52.191	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55462	43.714	ug/l	92
82) 4-Chlorotoluene	11.51	91	428453	52.253	ug/l	100
83) tert-Butylbenzene	11.77	119	466830	51.242	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	478464	52.466	ug/l	100
85) sec-Butylbenzene	11.94	105	549157	51.339	ug/l	99
86) p-Isopropyltoluene	12.06	119	509884	51.534	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270024	50.315	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	267740	49.005	ug/l	99
89) n-Butylbenzene	12.38	91	434980	51.737	ug/l	99
90) Hexachloroethane	12.60	117	82652	48.311	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	266226	49.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38994	49.599	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181733	49.132	ug/l	99
94) Hexachlorobutadiene	13.78	225	87784	48.559	ug/l	98
95) Naphthalene	13.83	128	576637	50.729	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184780	50.244	ug/l	99

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

