

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030028.D
 Acq On : 12 Jul 2022 18:38
 Operator : JC/MD
 Sample : N3617-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MS

Quant Time: Jul 13 09:10:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	177536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	311358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106438	49.255	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.520%		
35) Dibromofluoromethane	5.391	113	96999	48.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	8.653	98	374180	50.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.040%		
62) 4-Bromofluorobenzene	11.086	95	133640	51.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	105323	52.276	ug/l	99
3) Chloromethane	1.288	50	106504	57.569	ug/l	99
4) Vinyl Chloride	1.374	62	114605	55.773	ug/l	100
5) Bromomethane	1.599	94	40750	46.684	ug/l	93
6) Chloroethane	1.679	64	62478	53.993	ug/l	99
7) Trichlorofluoromethane	1.886	101	146055	55.037	ug/l	94
8) Diethyl Ether	2.136	74	59820	54.488	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	93891	51.826	ug/l	97
10) Methyl Iodide	2.453	142	97246	54.448	ug/l	98
11) Tert butyl alcohol	2.983	59	129282	231.807	ug/l	99
12) 1,1-Dichloroethene	2.319	96	100679	55.660	ug/l	94
13) Acrolein	2.240	56	25722	231.570	ug/l	99
14) Allyl chloride	2.666	41	172351	54.524	ug/l	98
15) Acrylonitrile	3.069	53	351156	277.043	ug/l	99
16) Acetone	2.386	43	273984	269.075	ug/l	99
17) Carbon Disulfide	2.508	76	271709	53.708	ug/l	97
18) Methyl Acetate	2.709	43	154408	49.846	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	320758	56.101	ug/l	96
20) Methylene Chloride	2.788	84	113533	55.351	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	106226	56.341	ug/l	99
22) Diisopropyl ether	3.764	45	342520	55.358	ug/l	99
23) Vinyl Acetate	3.727	43	1474216	281.450	ug/l	98
24) 1,1-Dichloroethane	3.611	63	184835	53.909	ug/l	98
25) 2-Butanone	4.562	43	478416	275.821	ug/l	99
26) 2,2-Dichloropropane	4.483	77	115851	48.101	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	126827	54.931	ug/l	95
28) Bromochloromethane	4.904	49	74739	51.815	ug/l	95
29) Tetrahydrofuran	5.007	42	323060	274.447	ug/l	99
30) Chloroform	5.099	83	185267	54.222	ug/l	100
31) Cyclohexane	5.477	56	166654	53.200	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	152563	54.631	ug/l	98
36) 1,1-Dichloropropene	5.696	75	138971	54.090	ug/l	99
37) Ethyl Acetate	4.721	43	175273	53.090	ug/l	99
38) Carbon Tetrachloride	5.684	117	127174	53.079	ug/l	97
39) Methylcyclohexane	7.385	83	173106	53.149	ug/l	99
40) Benzene	6.044	78	446173	55.174	ug/l	96

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41) Methacrylonitrile	4.928	41	95465	53.704	ug/l	98
42) 1,2-Dichloroethane	6.093	62	137164	54.730	ug/l	99
43) Isopropyl Acetate	6.349	43	268744	54.134	ug/l	99
44) Trichloroethene	7.129	130	119602	50.614	ug/l	99
45) 1,2-Dichloropropane	7.434	63	115880	55.130	ug/l	97
46) Dibromomethane	7.586	93	77772	53.758	ug/l	98
47) Bromodichloromethane	7.824	83	142489	54.280	ug/l	98
48) Methyl methacrylate	7.696	41	130877	57.136	ug/l	98
49) 1,4-Dioxane	7.671	88	64208	1078.908	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	915607	278.714	ug/l	100
52) Toluene	8.720	92	275955	53.739	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	152137	55.794	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	169105	54.135	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	115791	54.680	ug/l	99
56) Ethyl methacrylate	9.116	69	181795	57.100	ug/l	99
57) 1,3-Dichloropropane	9.311	76	184499	54.846	ug/l	99
59) 2-Hexanone	9.433	43	715263	283.922	ug/l	99
60) Dibromochloromethane	9.525	129	112326	54.447	ug/l	100
61) 1,2-Dibromoethane	9.616	107	119606	54.269	ug/l	98
64) Tetrachloroethene	9.275	164	112689	50.602	ug/l	98
65) Chlorobenzene	10.080	112	293617	53.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	102438	54.393	ug/l	99
67) Ethyl Benzene	10.195	91	524370	56.006	ug/l	100
68) m/p-Xylenes	10.305	106	403672	109.927	ug/l	99
69) o-Xylene	10.647	106	202829	55.163	ug/l	98
70) Styrene	10.659	104	338487	55.464	ug/l	99
71) Bromoform	10.805	173	80094	52.934	ug/l #	99
73) Isopropylbenzene	10.964	105	505670	53.458	ug/l	99
74) N-amyl acetate	10.848	43	230447	55.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	184396	54.032	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	164188m	52.565	ug/l	
77) Bromobenzene	11.201	156	122743	51.862	ug/l	97
78) n-propylbenzene	11.305	91	608112	54.189	ug/l	100
79) 2-Chlorotoluene	11.366	91	353879	52.648	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	423425	53.123	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55844	51.597	ug/l	99
82) 4-Chlorotoluene	11.457	91	401527	53.317	ug/l	99
83) tert-Butylbenzene	11.720	119	405154	53.005	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	428037	54.293	ug/l	100
85) sec-Butylbenzene	11.890	105	562003	55.616	ug/l	100
86) p-Isopropyltoluene	12.012	119	445276	54.926	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	230876	52.796	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	237996	53.034	ug/l	97
89) n-Butylbenzene	12.335	91	424195	58.401	ug/l	99
90) Hexachloroethane	12.543	117	74567	53.806	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	233180	52.486	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42806	54.933	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	149504	54.787	ug/l	98
94) Hexachlorobutadiene	13.725	225	56849	52.181	ug/l	98
95) Naphthalene	13.780	128	601660	55.547	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	152922	55.077	ug/l	97

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

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