

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048704.D
 Acq On : 27 May 2022 19:23
 Operator : SY/MD
 Sample : N3064-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MSD

Quant Time: May 28 00:24:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	221016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	387019	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	371161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	191958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	180487	54.376	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.760%			
35) Dibromofluoromethane	5.289	113	141369	51.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.400%			
50) Toluene-d8	7.896	98	524124	52.955	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.920%			
62) 4-Bromofluorobenzene	10.633	95	200846	53.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	125740	49.697	ug/l	98
3) Chloromethane	1.524	50	164814	50.601	ug/l	98
4) Vinyl Chloride	1.604	62	158968	52.696	ug/l	99
5) Bromomethane	1.845	94	69945	40.872	ug/l	95
6) Chloroethane	1.929	64	92343	56.049	ug/l	98
7) Trichlorofluoromethane	2.134	101	207398	48.138	ug/l	99
8) Diethyl Ether	2.376	74	82711	52.023	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	114455	48.531	ug/l	97
10) Methyl Iodide	2.720	142	170599	48.777	ug/l	97
11) Tert butyl alcohol	3.173	59	236352	280.863	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	117767	52.353	ug/l	97
13) Acrolein	2.485	56	45685	162.333	ug/l	96
14) Allyl chloride	2.922	41	219969	50.487	ug/l	97
15) Acrylonitrile	3.308	53	539547	295.625	ug/l	99
16) Acetone	2.620	43	474386	280.441	ug/l	99
17) Carbon Disulfide	2.790	76	322964	49.181	ug/l	99
18) Methyl Acetate	2.945	43	203696	47.961	ug/l	100
19) Methyl tert-butyl Ether	3.363	73	465206	54.503	ug/l	98
20) Methylene Chloride	3.044	84	149711	52.046	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	131245	51.006	ug/l	95
22) Diisopropyl ether	3.990	45	453155	56.385	ug/l	93
23) Vinyl Acetate	3.954	43	1484721	213.223	ug/l	99
24) 1,1-Dichloroethane	3.871	63	268500	53.194	ug/l	100
25) 2-Butanone	4.697	43	738078	303.724	ug/l	99
26) 2,2-Dichloropropane	4.665	77	106631	23.547	ug/l	93
27) cis-1,2-Dichloroethene	4.665	96	156867	52.668	ug/l	92
28) Bromochloromethane	4.970	49	112027	56.584	ug/l	98
29) Tetrahydrofuran	5.048	42	471088	307.760	ug/l	98
30) Chloroform	5.089	83	292003	57.817	ug/l	100
31) Cyclohexane	5.388	56	207733	49.661	ug/l	99
32) 1,1,1-Trichloroethane	5.318	97	228324	49.830	ug/l	98
36) 1,1-Dichloropropene	5.527	75	181261	44.981	ug/l	99
37) Ethyl Acetate	4.800	43	208254	40.879	ug/l	99
38) Carbon Tetrachloride	5.523	117	197261	42.668	ug/l	98
39) Methylcyclohexane	6.765	83	195104	46.175	ug/l	99
40) Benzene	5.774	78	547440	46.015	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	137812	53.533	ug/l	99
42) 1,2-Dichloroethane	5.793	62	210649	45.232	ug/l	100
43) Isopropyl Acetate	5.909	43	320898	43.400	ug/l	100
44) Trichloroethene	6.543	130	142113	46.366	ug/l	98
45) 1,2-Dichloropropane	6.790	63	157953	52.737	ug/l	98
46) Dibromomethane	6.919	93	110170	49.234	ug/l	99
47) Bromodichloromethane	7.105	83	216968	47.947	ug/l	100
48) Methyl methacrylate	6.957	41	181181	54.584	ug/l	99
49) 1,4-Dioxane	6.961	88	83850	1130.032	ug/l	95
51) 4-Methyl-2-Pentanone	7.790	43	1369952	285.342	ug/l	99
52) Toluene	7.970	92	358525	50.382	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	216849	44.423	ug/l	96
54) cis-1,3-Dichloropropene	7.607	75	218745	43.245	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	145512	46.332	ug/l	99
56) Ethyl methacrylate	8.334	69	244804	49.362	ug/l	98
57) 1,3-Dichloropropane	8.575	76	253341	47.928	ug/l	99
59) 2-Hexanone	8.684	43	1058581	268.570	ug/l	99
60) Dibromochloromethane	8.809	129	166235	47.219	ug/l	99
61) 1,2-Dibromoethane	8.922	107	163813	47.362	ug/l	99
64) Tetrachloroethene	8.552	164	116226	44.984	ug/l	96
65) Chlorobenzene	9.446	112	384804	49.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	146460	49.152	ug/l	99
67) Ethyl Benzene	9.571	91	687623	51.935	ug/l	98
68) m/p-Xylenes	9.694	106	539476	104.180	ug/l	99
69) o-Xylene	10.099	106	257555	50.626	ug/l	100
70) Styrene	10.112	104	437138	52.239	ug/l	99
71) Bromoform	10.289	173	136669	49.608	ug/l #	99
73) Isopropylbenzene	10.485	105	674857	54.456	ug/l	99
74) N-amyl acetate	10.317	43	241981	39.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	277544	54.880	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	306764	49.564	ug/l	95
77) Bromobenzene	10.780	156	171634	51.570	ug/l	99
78) n-propylbenzene	10.906	91	781671	52.934	ug/l	100
79) 2-Chlorotoluene	10.986	91	474287	51.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	586471	54.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	67506	39.602	ug/l	98
82) 4-Chlorotoluene	11.096	91	566334	53.451	ug/l	99
83) tert-Butylbenzene	11.420	119	568692	54.981	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	590185	50.794	ug/l	99
85) sec-Butylbenzene	11.642	105	678682	52.448	ug/l	98
86) p-Isopropyltoluene	11.793	119	580155	52.208	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	324020	49.655	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	320467	47.535	ug/l	99
89) n-Butylbenzene	12.208	91	520048	46.896	ug/l	100
90) Hexachloroethane	12.475	117	108388	47.793	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	333169	50.541	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	77183	53.005	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	217899	50.372	ug/l	99
94) Hexachlorobutadiene	14.021	225	81973	39.535	ug/l	98
95) Naphthalene	14.086	128	811562	53.523	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	218781	51.064	ug/l	99

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

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