

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052758.D
 Acq On : 20 Jan 2023 13:22
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Quant Time: Jan 21 01:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 21 01:19:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	200872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	335765	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	305400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	142698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	150191	51.917	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.840%			
35) Dibromofluoromethane	5.285	113	116814	49.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	7.893	98	420368	47.944	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.880%			
62) 4-Bromofluorobenzene	10.629	95	144091	44.989	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	5504	2.324	ug/l	89
3) Chloromethane	1.520	50	6787	2.790	ug/l	96
4) Vinyl Chloride	1.604	62	6022	2.482	ug/l	98
5) Bromomethane	1.855	94	3668	3.062	ug/l	96
6) Chloroethane	1.932	64	3848	2.509	ug/l	99
7) Trichlorofluoromethane	2.134	101	9519	2.548	ug/l	97
8) Diethyl Ether	2.375	74	3470	2.552	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	5768	2.670	ug/l	96
10) Methyl Iodide	2.720	142	4734	2.667	ug/l	96
11) Tert butyl alcohol	3.244	59	7574m	15.365	ug/l	
12) 1,1-Dichloroethene	2.578	96	5780	2.705	ug/l	91
13) Acrolein	2.488	56	7064	14.575	ug/l	99
14) Allyl chloride	2.922	41	8117	2.412	ug/l	99
15) Acrylonitrile	3.314	53	16690m	12.271	ug/l	
16) Acetone	2.636	43	17217	12.487	ug/l	100
17) Carbon Disulfide	2.790	76	16006	2.500	ug/l	95
18) Methyl Acetate	2.951	43	9210	2.414	ug/l	96
19) Methyl tert-butyl Ether	3.359	73	17565	2.427	ug/l	97
20) Methylene Chloride	3.041	84	7955	2.563	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	5875	2.551	ug/l	91
22) Diisopropyl ether	3.986	45	17049	2.436	ug/l #	63
23) Vinyl Acetate	3.954	43	61566	11.464	ug/l	99
24) 1,1-Dichloroethane	3.867	63	11695	2.635	ug/l	95
25) 2-Butanone	4.710	43	20360	11.450	ug/l	99
26) 2,2-Dichloropropane	4.662	77	9262	2.543	ug/l	96
27) cis-1,2-Dichloroethene	4.662	96	6330	2.504	ug/l	92
28) Bromochloromethane	4.977	49	4136	2.232	ug/l #	98
29) Tetrahydrofuran	5.057	42	12059	11.682	ug/l	98
30) Chloroform	5.086	83	12648	2.666	ug/l #	81
31) Cyclohexane	5.382	56	13460	3.320	ug/l #	80
32) 1,1,1-Trichloroethane	5.314	97	10312	2.653	ug/l	93
36) 1,1-Dichloropropene	5.523	75	8308	2.477	ug/l	99
37) Ethyl Acetate	4.800	43	8900m	2.441	ug/l	
38) Carbon Tetrachloride	5.517	117	8087	2.343	ug/l	97
39) Methylcyclohexane	6.761	83	9059	2.321	ug/l	98
40) Benzene	5.768	78	23940	2.363	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	4118	2.334	ug/l #	95
42) 1,2-Dichloroethane	5.790	62	9393	2.568	ug/l	98
43) Isopropyl Acetate	5.909	43	11878	2.337	ug/l	98
44) Trichloroethene	6.536	130	6062	2.420	ug/l	92
45) 1,2-Dichloropropane	6.787	63	6586	2.521	ug/l	92
46) Dibromomethane	6.915	93	4718	2.608	ug/l	90
47) Bromodichloromethane	7.102	83	8693	2.401	ug/l	99
48) Methyl methacrylate	6.960	41	5065	2.187	ug/l	93
49) 1,4-Dioxane	7.009	88	2400	53.476	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	36632	11.136	ug/l	97
52) Toluene	7.967	92	15413	2.516	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	8913	2.357	ug/l	98
54) cis-1,3-Dichloropropene	7.604	75	8933	2.215	ug/l	94
55) 1,1,2-Trichloroethane	8.398	97	6402	2.560	ug/l	91
56) Ethyl methacrylate	8.330	69	7637	2.169	ug/l	97
57) 1,3-Dichloropropane	8.571	76	11064	2.523	ug/l	100
59) 2-Hexanone	8.684	43	27762	10.955	ug/l	97
60) Dibromochloromethane	8.806	129	6275	2.285	ug/l	91
61) 1,2-Dibromoethane	8.919	107	6047	2.303	ug/l	97
64) Tetrachloroethene	8.549	164	5439	2.564	ug/l	95
65) Chlorobenzene	9.443	112	15904	2.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.530	131	5820	2.402	ug/l	97
67) Ethyl Benzene	9.565	91	25287	2.315	ug/l	98
68) m/p-Xylenes	9.690	106	19078	4.498	ug/l	99
69) o-Xylene	10.099	106	9478	2.341	ug/l	96
70) Styrene	10.111	104	13986	2.106	ug/l	98
71) Bromoform	10.288	173	4630	2.288	ug/l #	97
73) Isopropylbenzene	10.481	105	22716	2.416	ug/l	97
74) N-amyl acetate	10.317	43	7863	2.196	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.777	83	10185	2.735	ug/l	97
76) 1,2,3-Trichloropropane	10.819	75	9975	2.562	ug/l	98
77) Bromobenzene	10.780	156	6641	2.731	ug/l	97
78) n-propylbenzene	10.902	91	27855	2.519	ug/l	100
79) 2-Chlorotoluene	10.983	91	18809	2.753	ug/l	96
80) 1,3,5-Trimethylbenzene	11.083	105	19737	2.527	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	2062m	2.058	ug/l	
82) 4-Chlorotoluene	11.092	91	19759	2.537	ug/l	98
83) tert-Butylbenzene	11.417	119	19487	2.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	18560	2.394	ug/l	99
85) sec-Butylbenzene	11.639	105	23071	2.351	ug/l	100
86) p-Isopropyltoluene	11.787	119	18209	2.182	ug/l	94
87) 1,3-Dichlorobenzene	11.742	146	11965	2.582	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	13732	2.882	ug/l	92
89) n-Butylbenzene	12.205	91	15264	2.132	ug/l	99
90) Hexachloroethane	12.472	117	3668	2.292	ug/l	98
91) 1,2-Dichlorobenzene	12.208	146	11926	2.552	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	2042	2.642	ug/l	91
93) 1,2,4-Trichlorobenzene	13.838	180	5939	2.176	ug/l	93
94) Hexachlorobutadiene	14.018	225	3688	2.438	ug/l	97
95) Naphthalene	14.086	128	16465	2.126	ug/l	97
96) 1,2,3-Trichlorobenzene	14.327	180	6222	2.296	ug/l	96

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

