

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052757.D
 Acq On : 20 Jan 2023 12:59
 Operator : JC/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Jan 21 01:20:25 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	195810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	322370	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	296589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	131194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	144665	51.299	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.600%
35) Dibromofluoromethane	5.282	113	113291	50.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.940%
50) Toluene-d8	7.893	98	393796	46.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.560%
62) 4-Bromofluorobenzene	10.629	95	132992	43.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	984	0.426	ug/l	98
3) Chloromethane	1.520	50	1853	0.781	ug/l	95
4) Vinyl Chloride	1.604	62	988	0.418	ug/l	97
5) Bromomethane	1.858	94	834	0.714	ug/l #	76
6) Chloroethane	1.932	64	752	0.503	ug/l	97
7) Trichlorofluoromethane	2.134	101	1719	0.472	ug/l	88
8) Diethyl Ether	2.369	74	672	0.507	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	1026	0.487	ug/l #	76
10) Methyl Iodide	2.719	142	1269	0.733	ug/l #	82
11) Tert butyl alcohol	3.305	59	956m	1.990	ug/l	
12) 1,1-Dichloroethene	2.578	96	849	0.408	ug/l	95
13) Acrolein	2.491	56	1393	2.949	ug/l	98
14) Allyl chloride	2.919	41	1068	0.326	ug/l	99
15) Acrylonitrile	3.324	53	2772m	2.091	ug/l	
16) Acetone	2.639	43	3520	2.619	ug/l	88
17) Carbon Disulfide	2.793	76	3777	0.605	ug/l #	92
18) Methyl Acetate	2.954	43	1712	0.460	ug/l #	77
19) Methyl tert-butyl Ether	3.362	73	3112	0.441	ug/l #	90
20) Methylene Chloride	3.044	84	2682	0.887	ug/l	94
21) trans-1,2-Dichloroethene	3.353	96	1075	0.479	ug/l #	81
22) Diisopropyl ether	3.986	45	2950	0.432	ug/l #	51
23) Vinyl Acetate	3.964	43	10225	1.953	ug/l	99
24) 1,1-Dichloroethane	3.867	63	1791	0.414	ug/l #	82
25) 2-Butanone	4.726	43	3300m	1.904	ug/l	
26) 2,2-Dichloropropane	4.665	77	1734	0.488	ug/l	84
27) cis-1,2-Dichloroethene	4.665	96	1068	0.433	ug/l	98
28) Bromochloromethane	4.967	49	801	0.443	ug/l #	57
29) Tetrahydrofuran	5.070	42	2087	2.074	ug/l	93
30) Chloroform	5.086	83	2490	0.538	ug/l	92
31) Cyclohexane	5.372	56	5742	1.453	ug/l #	37
32) 1,1,1-Trichloroethane	5.305	97	1685	0.445	ug/l #	52
36) 1,1-Dichloropropene	5.523	75	1417	0.440	ug/l #	88
37) Ethyl Acetate	4.829	43	1517m	0.433	ug/l	
38) Carbon Tetrachloride	5.514	117	1268	0.383	ug/l	97
39) Methylcyclohexane	6.755	83	1567	0.418	ug/l	93
40) Benzene	5.771	78	4405	0.453	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.989	41	548	0.324	ug/l #	66
42) 1,2-Dichloroethane	5.793	62	1782	0.507	ug/l	84
43) Isopropyl Acetate	5.919	43	2150	0.441	ug/l #	84
44) Trichloroethene	6.539	130	1235	0.513	ug/l	88
45) 1,2-Dichloropropane	6.787	63	1215	0.484	ug/l	92
46) Dibromomethane	6.919	93	920	0.530	ug/l #	76
47) Bromodichloromethane	7.102	83	1897	0.546	ug/l #	93
48) Methyl methacrylate	6.960	41	805	0.362	ug/l	89
49) 1,4-Dioxane	7.031	88	188	4.363	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	6078	1.924	ug/l	99
52) Toluene	7.967	92	2714	0.461	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	1556	0.429	ug/l	91
54) cis-1,3-Dichloropropene	7.604	75	1637	0.423	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	1052	0.438	ug/l	91
56) Ethyl methacrylate	8.337	69	1237	0.366	ug/l #	90
57) 1,3-Dichloropropane	8.581	76	1587	0.377	ug/l	99
59) 2-Hexanone	8.690	43	4867	2.000	ug/l	99
60) Dibromochloromethane	8.806	129	1022	0.388	ug/l	95
61) 1,2-Dibromoethane	8.922	107	1028	0.408	ug/l #	51
64) Tetrachloroethene	8.549	164	1038	0.504	ug/l	84
65) Chlorobenzene	9.443	112	3166	0.504	ug/l	92
66) 1,1,1,2-Tetrachloroethane	9.536	131	947	0.403	ug/l #	65
67) Ethyl Benzene	9.568	91	4405	0.415	ug/l	93
68) m/p-Xylenes	9.693	106	3221	0.782	ug/l	97
69) o-Xylene	10.099	106	1549	0.394	ug/l	99
70) Styrene	10.118	104	2195	0.340	ug/l	94
71) Bromoform	10.291	173	769	0.391	ug/l #	84
73) Isopropylbenzene	10.484	105	3858	0.446	ug/l	95
74) N-amyl acetate	10.324	43	1505	0.457	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	10.777	83	1670	0.488	ug/l #	88
76) 1,2,3-Trichloropropane	10.822	75	1965m	0.549	ug/l	
77) Bromobenzene	10.780	156	1356	0.607	ug/l	93
78) n-propylbenzene	10.902	91	4690	0.461	ug/l	98
79) 2-Chlorotoluene	10.983	91	3402	0.542	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	3087	0.430	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.546	75	273m	0.296	ug/l	
82) 4-Chlorotoluene	11.095	91	3187	0.445	ug/l	100
83) tert-Butylbenzene	11.417	119	3173	0.431	ug/l	92
84) 1,2,4-Trimethylbenzene	11.465	105	3102	0.435	ug/l	98
85) sec-Butylbenzene	11.639	105	3884	0.431	ug/l	93
86) p-Isopropyltoluene	11.790	119	3393	0.442	ug/l	91
87) 1,3-Dichlorobenzene	11.745	146	2155	0.506	ug/l	95
88) 1,4-Dichlorobenzene	11.832	146	2740m	0.625	ug/l	
89) n-Butylbenzene	12.208	91	3047	0.463	ug/l	88
90) Hexachloroethane	12.475	117	656	0.446	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	2150	0.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	263	0.370	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	1685	0.671	ug/l	94
94) Hexachlorobutadiene	14.018	225	803	0.577	ug/l	92
95) Naphthalene	14.092	128	4300	0.604	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.327	180	1688	0.678	ug/l	95

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

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