

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042344.D
 Acq On : 18 Feb 2021 12:26
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:45:19 PM

Quant Time: Feb 19 10:36:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 10:36:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	128474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	201860	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	182799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	88182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	104465	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	= 107.24%		
35) Dibromofluoromethane	5.298	113	72894	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	= 102.32%		
50) Toluene-d8	7.906	98	257160	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	= 100.80%		
62) 4-Bromofluorobenzene	10.639	95	91431	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	= 90.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	631	0.41	ug/l	96
3) Chloromethane	1.523	50	893	0.56	ug/l	95
4) Vinyl Chloride	1.607	62	704	0.46	ug/l	97
5) Bromomethane	1.864	94	648	0.69	ug/l	99
6) Chloroethane	1.938	64	377	0.43	ug/l #	62
7) Trichlorofluoromethane	2.144	101	1025	0.44	ug/l	94
8) Diethyl Ether	2.385	74	299	0.40	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.585	101	469	0.39	ug/l	94
10) Methyl Iodide	2.729	142	950	0.55	ug/l #	85
11) Tert butyl alcohol	3.199	59	2084m	5.01	ug/l	
12) 1,1-Dichloroethene	2.588	96	477	0.40	ug/l	84
13) Acrolein	2.498	56	659	2.59	ug/l	89
14) Allyl chloride	2.929	41	1214	0.46	ug/l	94
15) Acrylonitrile	3.337	53	2181	2.17	ug/l	90
16) Acetone	2.652	43	3260	2.70	ug/l	96
17) Carbon Disulfide	2.800	76	1996	0.56	ug/l	99
18) Methyl Acetate	2.967	43	1058	0.48	ug/l #	72
19) Methyl tert-butyl Ether	3.375	73	2125	0.47	ug/l	96
20) Methylene Chloride	3.057	84	779	0.56	ug/l #	90
21) trans-1,2-Dichloroethene	3.366	96	601	0.47	ug/l #	62
22) Diisopropyl ether	3.999	45	2027	0.41	ug/l #	50
23) Vinyl Acetate	3.970	43	9449	2.00	ug/l	97
24) 1,1-Dichloroethane	3.874	63	1147	0.44	ug/l #	84
25) 2-Butanone	4.732	43	3679	2.29	ug/l	97
26) 2,2-Dichloropropane	4.678	77	1135	0.48	ug/l #	55
27) cis-1,2-Dichloroethene	4.678	96	551	0.37	ug/l	70
28) Bromochloromethane	4.986	49	665	0.50	ug/l #	62
29) Tetrahydrofuran	5.080	42	2366	2.37	ug/l	97
30) Chloroform	5.096	83	1162	0.44	ug/l	83
31) Cyclohexane	5.385	56	4347	1.70	ug/l #	33
32) 1,1,1-Trichloroethane	5.330	97	907	0.38	ug/l #	45
36) 1,1-Dichloropropene	5.536	75	868	0.43	ug/l #	73
37) Ethyl Acetate	4.826	43	1801m	0.58	ug/l	
38) Carbon Tetrachloride	5.533	117	787	0.37	ug/l #	84
39) Methylcyclohexane	6.774	83	1012	0.44	ug/l	91
40) Benzene	5.784	78	2251	0.40	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042344.D
 Acq On : 18 Feb 2021 12:26
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:45:19 PM

Quant Time: Feb 19 10:36:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 10:36:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	583	0.36	ug/l #	77
42) 1,2-Dichloroethane	5.800	62	1352	0.55	ug/l #	79
43) Isopropyl Acetate	5.928	43	2142	0.47	ug/l #	73
44) Trichloroethene	6.555	130	512	0.34	ug/l	74
45) 1,2-Dichloropropane	6.803	63	617	0.40	ug/l	96
46) Dibromomethane	6.928	93	447	0.41	ug/l	91
47) Bromodichloromethane	7.115	83	1045	0.49	ug/l #	74
48) Methyl methacrylate	6.970	41	973	0.43	ug/l #	67
49) 1,4-Dioxane	7.018	88	231m	5.33	ug/l	
51) 4-Methyl-2-Pentanone	7.806	43	6976	2.26	ug/l	96
52) Toluene	7.977	92	1662	0.48	ug/l	95
53) t-1,3-Dichloropropene	8.218	75	884	0.38	ug/l #	82
54) cis-1,3-Dichloropropene	7.616	75	905	0.36	ug/l #	87
55) 1,1,2-Trichloroethane	8.411	97	508	0.35	ug/l	88
56) Ethyl methacrylate	8.346	69	911	0.37	ug/l	93
57) 1,3-Dichloropropane	8.584	76	1088	0.43	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.478	63	1131	1.36	ug/l	91
59) 2-Hexanone	8.703	43	5639	2.29	ug/l	91
60) Dibromochloromethane	8.819	129	594	0.35	ug/l	95
61) 1,2-Dibromoethane	8.935	107	637	0.39	ug/l	86
64) Tetrachloroethene	8.559	164	658	0.48	ug/l	92
65) Chlorobenzene	9.456	112	1749	0.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	490	0.35	ug/l #	66
67) Ethyl Benzene	9.578	91	2880	0.44	ug/l	98
68) m/p-Xylenes	9.700	106	1870	0.77	ug/l #	70
69) o-Xylene	10.105	106	948	0.40	ug/l	100
70) Styrene	10.121	104	1558	0.39	ug/l #	91
71) Bromoform	10.304	173	465	0.35	ug/l #	52
73) Isopropylbenzene	10.491	105	2835	0.48	ug/l	100
74) N-amyl acetate	10.330	43	1704	0.51	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	10.793	83	1123	0.50	ug/l #	88
76) 1,2,3-Trichloropropane	10.835	75	1133m	0.52	ug/l	
77) Bromobenzene	10.790	156	811	0.52	ug/l	86
78) n-propylbenzene	10.912	91	3005	0.44	ug/l	96
79) 2-Chlorotoluene	10.996	91	1786	0.43	ug/l	91
80) 1,3,5-Trimethylbenzene	11.099	105	2317	0.46	ug/l	100
82) 4-Chlorotoluene	11.108	91	2293	0.47	ug/l	99
83) tert-Butylbenzene	11.430	119	2271	0.46	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	2215	0.44	ug/l	99
85) sec-Butylbenzene	11.648	105	2390	0.41	ug/l	93
86) p-Isopropyltoluene	11.800	119	2413	0.45	ug/l	88
87) 1,3-Dichlorobenzene	11.755	146	1360	0.50	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	1463m	0.53	ug/l	
89) n-Butylbenzene	12.218	91	1953	0.42	ug/l	93
90) Hexachloroethane	12.488	117	284	0.30	ug/l	84
91) 1,2-Dichlorobenzene	12.224	146	1426	0.52	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	13.009	75	281	0.46	ug/l	76
93) 1,2,4-Trichlorobenzene	13.848	180	795	0.46	ug/l	81
94) Hexachlorobutadiene	14.031	225	393	0.41	ug/l #	69
95) Naphthalene	14.095	128	2252	0.46	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.340	180	906	0.54	ug/l	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
Data File : VU042344.D
Acq On : 18 Feb 2021 12:26
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations
APPROVED

MMDadoda
2/19/2021 2:45:19 PM

Quant Time: Feb 19 10:36:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 10:36:46 2021
Response via : Initial Calibration

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

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

