

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
 Data File : VU042335.D
 Acq On : 17 Feb 2021 19:49
 Operator : SY/MD
 Sample : MDL09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL09

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:41:48 PM

Quant Time: Feb 19 11:19:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 11:07:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	131632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	207940	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	188603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	106633	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	5.298	113	73164	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	7.906	98	258352	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	10.639	95	95360	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3640	2.29	ug/l	96
3) Chloromethane	1.523	50	4399	2.71	ug/l	98
4) Vinyl Chloride	1.607	62	4292	2.77	ug/l	99
5) Bromomethane	1.864	94	3031	3.17	ug/l	95
6) Chloroethane	1.938	64	2604	2.91	ug/l	98
7) Trichlorofluoromethane	2.141	101	6463	2.71	ug/l	96
8) Diethyl Ether	2.382	74	1992	2.63	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.588	101	3323	2.67	ug/l	95
10) Methyl Iodide	2.729	142	3851	2.17	ug/l	95
11) Tert butyl alcohol	3.260	59	7469m	17.51	ug/l	
12) 1,1-Dichloroethene	2.591	96	3054	2.52	ug/l	95
13) Acrolein	2.501	56	3882	14.86	ug/l	98
14) Allyl chloride	2.932	41	7131	2.65	ug/l	99
15) Acrylonitrile	3.327	53	13252	12.87	ug/l	100
16) Acetone	2.649	43	15360	12.40	ug/l	98
17) Carbon Disulfide	2.800	76	9147	2.51	ug/l #	93
18) Methyl Acetate	2.964	43	5944	2.64	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	11846	2.58	ug/l	99
20) Methylene Chloride	3.057	84	4009	2.81	ug/l #	90
21) trans-1,2-Dichloroethene	3.359	96	3419	2.63	ug/l	88
22) Diisopropyl ether	4.006	45	13275	2.60	ug/l	88
23) Vinyl Acetate	3.970	43	61421	12.67	ug/l	99
24) 1,1-Dichloroethane	3.877	63	6725	2.54	ug/l #	94
25) 2-Butanone	4.726	43	19986	12.14	ug/l	97
26) 2,2-Dichloropropane	4.678	77	5898	2.45	ug/l	96
27) cis-1,2-Dichloroethene	4.674	96	3969	2.63	ug/l	95
28) Bromochloromethane	4.986	49	3624	2.65	ug/l #	97
29) Tetrahydrofuran	5.070	42	13821	13.50	ug/l	96
30) Chloroform	5.099	83	6850	2.54	ug/l	100
31) Cyclohexane	5.395	56	9537	3.65	ug/l #	82
32) 1,1,1-Trichloroethane	5.324	97	6595	2.69	ug/l	96
36) 1,1-Dichloropropene	5.536	75	5127	2.49	ug/l	97
37) Ethyl Acetate	4.819	43	8078	2.53	ug/l #	95
38) Carbon Tetrachloride	5.536	117	5448	2.48	ug/l	97
39) Methylcyclohexane	6.771	83	5724	2.41	ug/l	97
40) Benzene	5.780	78	15004	2.60	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
 Data File : VU042335.D
 Acq On : 17 Feb 2021 19:49
 Operator : SY/MD
 Sample : MDL09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL09

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:41:48 PM

Quant Time: Feb 19 11:19:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 11:07:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.990	41	3844	2.33	ug/l	95
42) 1,2-Dichloroethane	5.806	62	6959	2.76	ug/l	96
43) Isopropyl Acetate	5.925	43	11517	2.45	ug/l	95
44) Trichloroethene	6.552	130	3927	2.55	ug/l	97
45) 1,2-Dichloropropane	6.800	63	3920	2.44	ug/l #	87
46) Dibromomethane	6.928	93	2805	2.51	ug/l	96
47) Bromodichloromethane	7.115	83	5179	2.36	ug/l	97
48) Methyl methacrylate	6.970	41	5515	2.37	ug/l	94
49) 1,4-Dioxane	7.012	88	2242	50.24	ug/l #	93
51) 4-Methyl-2-Pentanone	7.806	43	39750	12.50	ug/l	99
52) Toluene	7.977	92	8642	2.42	ug/l	96
53) t-1,3-Dichloropropene	8.218	75	5542	2.30	ug/l	93
54) cis-1,3-Dichloropropene	7.616	75	5788	2.26	ug/l	93
55) 1,1,2-Trichloroethane	8.411	97	3717	2.51	ug/l	97
56) Ethyl methacrylate	8.346	69	6048	2.38	ug/l	98
57) 1,3-Dichloropropane	8.584	76	6811	2.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	8130	9.51	ug/l	99
59) 2-Hexanone	8.700	43	31269	12.31	ug/l	97
60) Dibromochloromethane	8.819	129	3909	2.26	ug/l	89
61) 1,2-Dibromoethane	8.928	107	3925	2.33	ug/l	91
64) Tetrachloroethene	8.562	164	3741	2.63	ug/l	91
65) Chlorobenzene	9.452	112	9966	2.64	ug/l	92
66) 1,1,1,2-Tetrachloroethane	9.539	131	3476	2.41	ug/l	97
67) Ethyl Benzene	9.578	91	17434	2.56	ug/l	96
68) m/p-Xylenes	9.700	106	11875	4.72	ug/l	97
69) o-Xylene	10.108	106	6094	2.48	ug/l	89
70) Styrene	10.121	104	9830	2.40	ug/l	94
71) Bromoform	10.298	173	3170	2.28	ug/l #	99
73) Isopropylbenzene	10.491	105	16234	2.54	ug/l	100
74) N-amyl acetate	10.333	43	8995	2.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	6381	2.62	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	6147m	2.59	ug/l	
77) Bromobenzene	10.790	156	4225	2.47	ug/l	90
78) n-propylbenzene	10.912	91	18138	2.45	ug/l	98
79) 2-Chlorotoluene	10.992	91	11710	2.58	ug/l	94
80) 1,3,5-Trimethylbenzene	11.095	105	13144	2.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	1726	1.98	ug/l	88
82) 4-Chlorotoluene	11.105	91	12972	2.46	ug/l	98
83) tert-Butylbenzene	11.427	119	13318	2.50	ug/l	96
84) 1,2,4-Trimethylbenzene	11.475	105	13024	2.37	ug/l	98
85) sec-Butylbenzene	11.652	105	14967	2.39	ug/l	99
86) p-Isopropyltoluene	11.800	119	13951	2.41	ug/l	98
87) 1,3-Dichlorobenzene	11.755	146	7568	2.56	ug/l	96
88) 1,4-Dichlorobenzene	11.845	146	7715	2.55	ug/l	86
89) n-Butylbenzene	12.218	91	10972	2.16	ug/l	98
90) Hexachloroethane	12.484	117	2426	2.36	ug/l	89
91) 1,2-Dichlorobenzene	12.221	146	7479	2.48	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	13.005	75	1430	2.14	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	3812	2.03	ug/l	95
94) Hexachlorobutadiene	14.031	225	2585	2.46	ug/l	97
95) Naphthalene	14.095	128	9812	1.82	ug/l	98
96) 1,2,3-Trichlorobenzene	14.336	180	3666	2.00	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
 Data File : VU042335.D
 Acq On : 17 Feb 2021 19:49
 Operator : SY/MD
 Sample : MDL09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL09

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:41:48 PM

Quant Time: Feb 19 11:19:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 11:07:12 2021
 Response via : Initial Calibration

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

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

