

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042348.D
 Acq On : 18 Feb 2021 13:58
 Operator : SY/MD
 Sample : MDL011
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL011

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:46:30 PM

Quant Time: Feb 19 10:55:32 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	128830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	196871	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	177707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	88059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	100142	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	5.298	113	69379	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	7.906	98	245824	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	10.642	95	91284	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3490	2.25	ug/l	92
3) Chloromethane	1.523	50	3997	2.52	ug/l	91
4) Vinyl Chloride	1.607	62	4037	2.66	ug/l	98
5) Bromomethane	1.861	94	2884	3.08	ug/l	97
6) Chloroethane	1.935	64	2365	2.70	ug/l	91
7) Trichlorofluoromethane	2.141	101	6296	2.70	ug/l	99
8) Diethyl Ether	2.385	74	2012	2.71	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.587	101	3164	2.60	ug/l	95
10) Methyl Iodide	2.729	142	3707	2.13	ug/l	96
11) Tert butyl alcohol	3.250	59	7597m	18.20	ug/l	
12) 1,1-Dichloroethene	2.584	96	3147	2.65	ug/l	99
13) Acrolein	2.497	56	3669	14.35	ug/l	95
14) Allyl chloride	2.935	41	7042	2.68	ug/l	95
15) Acrylonitrile	3.330	53	12969	12.87	ug/l	95
16) Acetone	2.645	43	13792	11.38	ug/l	95
17) Carbon Disulfide	2.800	76	8561	2.40	ug/l	96
18) Methyl Acetate	2.960	43	5618	2.55	ug/l	93
19) Methyl tert-butyl Ether	3.375	73	11639	2.59	ug/l	97
20) Methylene Chloride	3.054	84	4069	2.91	ug/l	95
21) trans-1,2-Dichloroethene	3.362	96	3255	2.56	ug/l	94
22) Diisopropyl ether	4.002	45	12503	2.50	ug/l #	76
23) Vinyl Acetate	3.967	43	57681	12.15	ug/l	100
24) 1,1-Dichloroethane	3.883	63	6598	2.55	ug/l #	93
25) 2-Butanone	4.726	43	19772	12.27	ug/l	100
26) 2,2-Dichloropropane	4.674	77	5779	2.46	ug/l	100
27) cis-1,2-Dichloroethene	4.677	96	3720	2.52	ug/l	93
28) Bromochloromethane	4.983	49	3407	2.54	ug/l #	96
29) Tetrahydrofuran	5.070	42	12780	12.76	ug/l	97
30) Chloroform	5.099	83	6676	2.53	ug/l	94
31) Cyclohexane	5.391	56	8571	3.35	ug/l #	77
32) 1,1,1-Trichloroethane	5.327	97	6296	2.62	ug/l	92
36) 1,1-Dichloropropene	5.533	75	4575	2.35	ug/l #	84
37) Ethyl Acetate	4.819	43	7365	2.43	ug/l #	92
38) Carbon Tetrachloride	5.536	117	5165	2.48	ug/l #	90
39) Methylcyclohexane	6.767	83	5448	2.42	ug/l	92
40) Benzene	5.784	78	14360	2.62	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042348.D
 Acq On : 18 Feb 2021 13:58
 Operator : SY/MD
 Sample : MDL011
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL011

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:46:30 PM

Quant Time: Feb 19 10:55:32 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	4.986	41	3930	2.52	ug/l	99
42) 1,2-Dichloroethane	5.806	62	6468	2.71	ug/l	95
43) Isopropyl Acetate	5.925	43	11290	2.54	ug/l	98
44) Trichloroethene	6.552	130	3826	2.63	ug/l	98
45) 1,2-Dichloropropane	6.800	63	3561	2.35	ug/l	100
46) Dibromomethane	6.925	93	2645	2.50	ug/l	95
47) Bromodichloromethane	7.111	83	5204	2.51	ug/l	93
48) Methyl methacrylate	6.970	41	5522	2.51	ug/l	99
49) 1,4-Dioxane	7.012	88	2177	51.53	ug/l #	52
51) 4-Methyl-2-Pentanone	7.806	43	37436	12.44	ug/l	97
52) Toluene	7.976	92	8605	2.55	ug/l	100
53) t-1,3-Dichloropropene	8.221	75	5183	2.27	ug/l #	85
54) cis-1,3-Dichloropropene	7.613	75	5508	2.27	ug/l	91
55) 1,1,2-Trichloroethane	8.410	97	3392	2.42	ug/l	95
56) Ethyl methacrylate	8.343	69	5874	2.45	ug/l	99
57) 1,3-Dichloropropane	8.584	76	6257	2.55	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	7497	9.27	ug/l	100
59) 2-Hexanone	8.700	43	30346	12.62	ug/l	98
60) Dibromochloromethane	8.816	129	3722	2.28	ug/l	99
61) 1,2-Dibromoethane	8.931	107	3953	2.48	ug/l	99
64) Tetrachloroethene	8.558	164	3620	2.70	ug/l	97
65) Chlorobenzene	9.455	112	9036	2.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	3511	2.59	ug/l	97
67) Ethyl Benzene	9.578	91	16533	2.58	ug/l	100
68) m/p-Xylenes	9.700	106	11719	4.95	ug/l	97
69) o-Xylene	10.108	106	6210	2.68	ug/l	91
70) Styrene	10.121	104	8987	2.33	ug/l	99
71) Bromoform	10.298	173	2838	2.17	ug/l #	97
73) Isopropylbenzene	10.491	105	15424	2.63	ug/l	98
74) N-amyl acetate	10.330	43	8777	2.62	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	6110	2.74	ug/l	94
76) 1,2,3-Trichloropropane	10.832	75	6060m	2.78	ug/l	
77) Bromobenzene	10.790	156	4078	2.59	ug/l	94
78) n-propylbenzene	10.915	91	18348	2.70	ug/l	98
79) 2-Chlorotoluene	10.996	91	10983	2.64	ug/l	97
80) 1,3,5-Trimethylbenzene	11.095	105	12915	2.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	1600	2.00	ug/l #	76
82) 4-Chlorotoluene	11.105	91	12439	2.57	ug/l	97
83) tert-Butylbenzene	11.426	119	13530	2.77	ug/l	96
84) 1,2,4-Trimethylbenzene	11.475	105	12447	2.47	ug/l	96
85) sec-Butylbenzene	11.651	105	14307	2.49	ug/l	97
86) p-Isopropyltoluene	11.799	119	13002	2.45	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	7354	2.71	ug/l	96
88) 1,4-Dichlorobenzene	11.841	146	7575	2.73	ug/l	94
89) n-Butylbenzene	12.214	91	10223	2.19	ug/l	99
90) Hexachloroethane	12.478	117	2301	2.44	ug/l	94
91) 1,2-Dichlorobenzene	12.221	146	7302	2.64	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.008	75	1521	2.48	ug/l	91
93) 1,2,4-Trichlorobenzene	13.851	180	3817	2.22	ug/l	99
94) Hexachlorobutadiene	14.031	225	2448	2.54	ug/l	96
95) Naphthalene	14.095	128	8945	1.81	ug/l	99
96) 1,2,3-Trichlorobenzene	14.343	180	3443	2.04	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
Data File : VU042348.D
Acq On : 18 Feb 2021 13:58
Operator : SY/MD
Sample : MDL011
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL011

Manual Integrations
APPROVED

MMDadoda
2/19/2021 2:46:30 PM

Quant Time: Feb 19 10:55:32 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
Data File : VU042348.D
Acq On : 18 Feb 2021 13:58
Operator : SY/MD
Sample : MDL011
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL011

Manual Integrations
APPROVED

MMDadoda
2/19/2021 2:46:30 PM

Quant Time: Feb 19 10:55:32 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

