

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046071.D
 Acq On : 03 Dec 2021 14:13
 Operator : SY/MD
 Sample : M4870-09DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKP6DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2021
 Supervised By : Mahesh Dadoda 12/09/2021

Quant Time: Dec 04 03:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	236888	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	235050	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125391	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	67789	34.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.480%		
7) Chloroethane-d5	1.916	69	59223	39.528	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.060%		
11) 1,1-Dichloroethene-d2	2.571	63	101648	29.017	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.040%#		
21) 2-Butanone-d5	4.639	46	152098	98.049	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.050%		
24) Chloroform-d	5.067	84	142353	43.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.360%		
26) 1,2-Dichloroethane-d4	5.706	65	99144	45.335	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.660%		
32) Benzene-d6	5.732	84	306339	45.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
36) 1,2-Dichloropropane-d6	6.693	67	99899	47.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.700%		
41) Toluene-d8	7.902	98	273538	44.594	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.180%		
43) trans-1,3-Dichloroprop...	8.182	79	46081	45.720	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.440%		
47) 2-Hexanone-d5	8.636	63	102964	104.009	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.010%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	152470	48.153	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.300%		
66) 1,2-Dichlorobenzene-d4	12.195	152	118626	49.124	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.240%		
Target Compounds					Qvalue	
13) Acetone	2.661	43	8232	4.246	ug/L	77
20) cis-1,2-Dichloroethene	4.671	96	73894	39.288	ug/L	97
22) 2-Butanone	4.722	43	4761m	2.256	ug/L	
33) Benzene	5.777	78	45283	6.365	ug/L	100
34) Trichloroethene	6.546	95	20058	10.702	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	4033	1.473	ug/L	100
42) Toluene	7.973	91	169823	22.247	ug/L	99
46) Tetrachloroethene	8.555	164	4095	2.973	ug/L	94
51) Chlorobenzene	9.449	112	6493	1.315	ug/L	97
52) Ethylbenzene	9.571	91	114215	13.903	ug/L	98
53) m,p-Xylene	9.693	106	152835	47.703	ug/L	96
54) o-xylene	10.102	106	56721	18.245	ug/L	98
55) Styrene	10.115	104	25845	4.869	ug/L	79
61) Isopropylbenzene	10.488	105	46035	5.643	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	32607	4.795	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	114672	16.855	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	14133	3.621	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	2692	1.074	ug/L #	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046071.D
 Acq On : 03 Dec 2021 14:13
 Operator : SY/MD
 Sample : M4870-09DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampleId :
 BGKP6DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2021
 Supervised By :Mahesh Dadoda 12/09/2021

Quant Time: Dec 04 03:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 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\VU120321\
Data File : VU046071.D
Acq On : 03 Dec 2021 14:13
Operator : SY/MD
Sample : M4870-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKP6DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2021
Supervised By :Mahesh Dadoda 12/09/2021

Quant Time: Dec 04 03:07:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

