Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
Data File : VU047085.D
Acq On : 10 Feb 2022 19:51
Operator : SY/MD
Sample : N1462-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 11 01:15:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 11 01:13:45 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F4M20

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2022
Supervised By :Mahesh Dadoda 02/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	487837	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	452813	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	232846	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	236334	53.342	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.680%			
7) Chloroethane-d5	1.919	69	160731	48.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.880%			
11) 1,1-Dichloroethene-d2	2.575	63	277251	37.762	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.520%			
21) 2-Butanone-d5	4.639	46	407620	118.627	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.630%			
24) Chloroform-d	5.067	84	339523	47.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	5.706	65	228780	49.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.120%			
32) Benzene-d6	5.732	84	741388	49.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.500%			
36) 1,2-Dichloropropane-d6	6.694	67	242077	49.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.180%			
41) Toluene-d8	7.899	98	706444	49.287	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.580%			
43) trans-1,3-Dichloroprop...	8.179	79	126574	49.474	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.940%			
47) 2-Hexanone-d5	8.632	63	306178	109.473	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.470%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	354664	49.823	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.640%			
66) 1,2-Dichlorobenzene-d4	12.195	152	269891	48.873	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.740%			
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	3390458	747.985	ug/L	99
8) Chloroethane	1.941	64	14390	5.507	ug/L	86
13) Acetone	2.655	43	11213m	4.480	ug/L	
17) trans-1,2-Dichloroethene	3.363	96	3805	1.142	ug/L	82
20) cis-1,2-Dichloroethene	4.671	96	1623231	440.308	ug/L #	93
33) Benzene	5.777	78	22942	1.624	ug/L	100
42) Toluene	7.973	91	56511	3.643	ug/L	99
51) Chlorobenzene	9.452	112	6408	0.644	ug/L	99
53) m,p-Xylene	9.697	106	7931	1.177	ug/L	89

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

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