Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036052.D
Acq On : 13 Jun 2024 11:05
Operator : SY/MD
Sample : P2850-09
Misc : 5.31g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 14 01:16:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	326462	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	345138	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	163262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	163356	27.217	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.880%			
7) Chloroethane-d5	1.529	69	128428	26.835	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.360%			
11) 1,1-Dichloroethene-d2	2.053	65	69183	25.892	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.560%			
21) 2-Butanone-d5	3.825	46	99100m	71.964	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.920%#			
24) Chloroform-d	4.246	84	261896	25.233	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.920%			
26) 1,2-Dichloroethane-d4	4.941	65	149281	27.433	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.720%			
32) Benzene-d6	4.957	84	512153	24.964	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.840%			
36) 1,2-Dichloropropane-d6	5.986	67	169191	26.188	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.760%			
41) Toluene-d8	7.240	98	415300	22.942	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.760%			
43) trans-1,3-Dichloroprop...	7.555	79	60125	22.697	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.800%			
47) 2-Hexanone-d5	8.030	63	63080	72.064	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 144.120%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	158705	32.873	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.480%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	163117	27.245	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.000%			
Target Compounds						Qvalue
13) Acetone	2.156	43	14602m	6.807	ug/L	
16) Methylene chloride	2.442	84	52602	7.121	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	2639	0.475	ug/L	96
19) 1,1-Dichloroethane	3.111	63	6922	0.655	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	1596362	286.080	ug/L	99
34) Trichloroethene	5.834	95	36907	5.335	ug/L	100
42) Toluene	7.326	91	11298	0.490	ug/L	88
46) Tetrachloroethene	7.902	164	272078	53.772	ug/L	98

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

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