Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Time: Jun 14 03:09:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 02:40:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	670367	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	615608	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	231011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	280671	22.773	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.080%			
7) Chloroethane-d5	1.526	69	231199	23.526	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.120%			
11) 1,1-Dichloroethene-d2	2.050	65	116336	21.203	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.800%			
21) 2-Butanone-d5	3.828	46	97237	34.387	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.780%			
24) Chloroform-d	4.243	84	502719	23.588	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.360%			
26) 1,2-Dichloroethane-d4	4.937	65	279423	25.006	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.040%			
32) Benzene-d6	4.953	84	1014366	27.720	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.880%			
36) 1,2-Dichloropropane-d6	5.982	67	328306	28.490	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.960%			
41) Toluene-d8	7.240	98	864795	26.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.120%			
43) trans-1,3-Dichloroprop...	7.551	79	122038	25.828	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.320%			
47) 2-Hexanone-d5	8.027	63	80207	51.372	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.740%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	180783	20.994	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.960%			
66) 1,2-Dichlorobenzene-d4	11.558	152	207609	24.507	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.040%			
Target Compounds						Qvalue
13) Acetone	2.156	43	27929	6.341	ug/L	90
14) Carbon disulfide	2.233	76	351671	9.434	ug/L	99
16) Methylene chloride	2.442	84	62661	4.131	ug/L	99
34) Trichloroethene	5.828	95	289045	23.424	ug/L	100
42) Toluene	7.313	91	788504	19.166	ug/L	100
46) Tetrachloroethene	7.908	164	11895221	1318.029	ug/L	94
52) Ethylbenzene	8.944	91	2557918	58.112	ug/L	100
53) m,p-Xylene	9.072	106	474879	28.712	ug/L	99
54) o-Xylene	9.474	106	473828	30.379	ug/L	98
60) Isopropylbenzene	9.866	105	130401	4.400	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	652240	30.349	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1600067	69.102	ug/L	100

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

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