Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
Data File : VV036563.D
Acq On : 16 Jul 2024 13:15
Operator : SY/MD
Sample : P3238-04RE
Misc : 5.30g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BE7RE

Quant Time: Jul 17 02:27:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	586561	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	589604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	258360	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	146018	17.376	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.520%		
7) Chloroethane-d5	1.526	69	127903	17.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.640%		
11) 1,1-Dichloroethene-d2	2.047	65	67484	15.638	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.560%		
21) 2-Butanone-d5	3.822	46	32205	22.391	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	44.780%		
24) Chloroform-d	4.243	84	279905	16.394	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	65.560%		
26) 1,2-Dichloroethane-d4	4.937	65	141824	16.748	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	67.000%#		
32) Benzene-d6	4.953	84	527771	17.943	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.760%		
36) 1,2-Dichloropropane-d6	5.985	67	156384	17.839	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	71.360%		
41) Toluene-d8	7.239	98	464081	17.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	68.400%		
43) trans-1,3-Dichloroprop...	7.551	79	60075	16.483	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.920%		
47) 2-Hexanone-d5	8.030	63	29344	30.139	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.280%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	112413	15.226	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	60.920%		
66) 1,2-Dichlorobenzene-d4	11.558	152	176516	20.132	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.520%		

Target Compounds Qvalue

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

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