Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035804.D
Acq On : 25 May 2024 17:59
Operator : SY/MD
Sample : P2589-16
Misc : 6.08g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH6D0

Quant Time: May 27 01:47:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 27 01:41:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	345593	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	343002	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	126933	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	117511	21.999	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.000%			
7) Chloroethane-d5	1.526	69	96821	22.468	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.880%			
11) 1,1-Dichloroethene-d2	2.050	65	50407	21.316	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.280%			
21) 2-Butanone-d5	3.834	46	41479	27.363	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 54.720%			
24) Chloroform-d	4.246	84	217764	21.195	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.760%			
26) 1,2-Dichloroethane-d4	4.940	65	128058	25.212	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.840%			
32) Benzene-d6	4.957	84	405473	21.595	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	5.989	67	137799	23.782	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.120%			
41) Toluene-d8	7.243	98	315369	18.873	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.480%			
43) trans-1,3-Dichloroprop...	7.558	79	46607	18.808	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.240%			
47) 2-Hexanone-d5	8.034	63	28928	27.764	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 55.520%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	116622	20.887	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.560%			
66) 1,2-Dichlorobenzene-d4	11.561	152	107991	24.515	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.040%			

Target Compounds Qvalue

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

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