Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
Data File : VD080139.D
Acq On : 11 Dec 2024 20:44
Operator : RP/MD
Sample : P5232-05
Misc : 4.01G/10ml/MSVOA_D/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
E28R9

Quant Time: Dec 12 01:01:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 12 00:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	318352	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	240856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85305	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	71824	14.156	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.640%			
7) Chloroethane-d5	2.793	69	72110	15.938	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.760%			
11) 1,1-Dichloroethene-d2	3.905	65	22838	11.727	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.920%			
21) 2-Butanone-d5	7.010	46	10845	9.573	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 19.140%#			
24) Chloroform-d	7.593	84	7407	0.843	ug/L	0.03
Spiked Amount 25.000	Range 40 - 150		Recovery = 3.360%#			
26) 1,2-Dichloroethane-d4	8.234	65	79943	17.187	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 68.760%#			
32) Benzene-d6	8.199	84	251511	17.573	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 70.280%			
36) 1,2-Dichloropropane-d6	9.210	67	108206	22.266	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.080%			
41) Toluene-d8	10.269	98	197669	14.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 58.480%			
43) trans-1,3-Dichloroprop...	10.522	79	32268	16.217	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 64.880%			
47) 2-Hexanone-d5	10.875	63	3779	5.142	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 10.280%#			
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0d	0.000	ug/L	
Spiked Amount 25.000	Range 45 - 120		Recovery = 0.000%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	64852	21.056	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.240%			
Target Compounds						Qvalue
13) Acetone	4.028	43	11513	5.996	ug/L	77
14) Carbon disulfide	4.263	76	7562	0.484	ug/L #	90
25) Chloroform	7.599	83	146010	13.893	ug/L	99
33) Benzene	8.252	78	10015	0.576	ug/L	100
34) Trichloroethene	9.028	95	52209	11.042	ug/L	98
42) Toluene	10.334	91	20551	1.089	ug/L	98
52) Ethylbenzene	11.681	91	3621	0.193	ug/L #	74
53) m,p-Xylene	11.787	106	2510	0.350	ug/L	96
54) o-Xylene	12.116	106	1360	0.198	ug/L	73
63) 1,2,4-Trimethylbenzene	13.204	105	4024	0.418	ug/L	95

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

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