Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
Data File : VD077712.D
Acq On : 30 Nov 2023 17:49
Operator : JC/SY
Sample : 04929-07
Misc : 3.60G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AQ5

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/01/2023
Supervised By :Semsettin Yesilyurt 12/01/2023

Quant Time: Nov 30 23:02:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 30 23:00:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	390340	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	309947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	99482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	235846	22.156	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.640%			
7) Chloroethane-d5	2.805	69	200440	23.624	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.480%			
11) 1,1-Dichloroethene-d2	3.922	65	58905	21.342	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.360%			
21) 2-Butanone-d5	6.993	46	70938	52.729	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.460%			
24) Chloroform-d	7.569	84	235589	22.394	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.560%			
26) 1,2-Dichloroethane-d4	8.234	65	135538	25.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.720%			
32) Benzene-d6	8.204	84	490358	26.269	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.080%			
36) 1,2-Dichloropropane-d6	9.210	67	154398	27.108	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.440%			
41) Toluene-d8	10.269	98	387546	22.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.240%			
43) trans-1,3-Dichloroprop...	10.528	79	64817	25.735	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.920%			
47) 2-Hexanone-d5	10.875	63	61663	62.828	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.660%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96592	23.469	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.880%			
66) 1,2-Dichlorobenzene-d4	13.816	152	64442	18.107	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 72.440%#			
Target Compounds						Qvalue
13) Acetone	4.034	43	10531m	6.109	ug/L	
14) Carbon disulfide	4.269	76	12401m	0.659	ug/L	
15) Methyl Acetate	4.569	43	21955	8.898	ug/L #	87
51) Chlorobenzene	11.610	112	1748539	131.600	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	497876	77.532	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	1706067	256.034	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	477926	82.709	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	8853m	2.025	ug/L	
70) 1,2,4-trichlorobenzene	15.104	180	42574	11.469	ug/L	100

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

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