Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120423\
Data File : VD077739.D
Acq On : 04 Dec 2023 12:46
Operator : JC/SY
Sample : 04929-16
Misc : 5.67G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AR4

Quant Time: Dec 05 00:06:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 05 00:04:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	364164	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	273324	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.528	152	92596	25.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	222940	22.449	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.800%			
7) Chloroethane-d5	2.811	69	191994	24.255	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.040%			
11) 1,1-Dichloroethene-d2	3.922	65	54922	21.329	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.320%			
21) 2-Butanone-d5	6.993	46	64086	51.059	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.120%			
24) Chloroform-d	7.575	84	232798	23.719	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.880%			
26) 1,2-Dichloroethane-d4	8.234	65	129961	26.134	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.520%			
32) Benzene-d6	8.204	84	477537	29.010	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.040%			
36) 1,2-Dichloropropane-d6	9.210	67	152111	30.285	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.160%#			
41) Toluene-d8	10.269	98	364148	24.033	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.120%			
43) trans-1,3-Dichloroprop...	10.528	79	61346	27.620	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.480%			
47) 2-Hexanone-d5	10.881	63	55009	63.558	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.120%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83847	23.102	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.400%			
66) 1,2-Dichlorobenzene-d4	13.822	152	66777	20.159	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.640%			
Target Compounds						Qvalue
13) Acetone	4.028	43	11437	7.112	ug/L	100
33) Benzene	8.251	78	18069	1.016	ug/L	100
51) Chlorobenzene	11.610	112	2699605	230.404	ug/L	95
64) 1,3-Dichlorobenzene	13.463	146	4221156	706.222	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	8524003	1374.349	ug/L	95
67) 1,2-Dichlorobenzene	13.833	146	3818230	709.916	ug/L	99
69) 1,3,5-Trichlorobenzene	14.598	180	20239	4.973	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	2330175	674.401	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	43316	14.301	ug/L	99

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

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