

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077713.D
 Acq On : 30 Nov 2023 18:15
 Operator : JC/SY
 Sample : 04929-08
 Misc : 4.78G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AQ6

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 23:02:22 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	8.781	114	369950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	275491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	86191	25.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	255339	25.309	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.240%			
7) Chloroethane-d5	2.805	69	208871	25.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.880%			
11) 1,1-Dichloroethene-d2	3.922	65	60656	23.188	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.760%			
21) 2-Butanone-d5	6.987	46	61957	48.591	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.180%			
24) Chloroform-d	7.569	84	242976	24.369	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.480%			
26) 1,2-Dichloroethane-d4	8.234	65	136024m	26.926	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.720%			
32) Benzene-d6	8.204	84	498655	30.054	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 120.200%			
36) 1,2-Dichloropropane-d6	9.210	67	158719	31.352	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 125.400%#			
41) Toluene-d8	10.269	98	373372	24.448	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.800%			
43) trans-1,3-Dichloroprop...	10.528	79	64587	28.851	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 115.400%			
47) 2-Hexanone-d5	10.881	63	53963	61.859	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.720%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82240	22.481	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.920%			
66) 1,2-Dichlorobenzene-d4	13.822	152	65702	21.308	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.240%			
Target Compounds						
13) Acetone	4.034	43	18357	11.237	ug/L	78
33) Benzene	8.257	78	15089	0.841	ug/L	100
51) Chlorobenzene	11.610	112	4499559	381.005	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	2241655	402.911	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	8057606	1395.693	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	11270608	2251.244	ug/L	90
69) 1,3,5-Trichlorobenzene	14.598	180	15997	4.223	ug/L	94
70) 1,2,4-trichlorobenzene	15.098	180	1058036	328.973	ug/L	99

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

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