

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076046.D
 Acq On : 08 May 2023 18:34
 Operator : KP/SY
 Sample : 02591-34
 Misc : 5.12G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF3

Quant Time: May 09 02:38:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	352414	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	308873	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94680	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	95589	12.364	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.440%		
7) Chloroethane-d5	2.793	69	103049	15.427	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.720%		
11) 1,1-Dichloroethene-d2	3.910	65	22897	12.846	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	51.400%		
21) 2-Butanone-d5	6.987	46	53969	80.413	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	160.820%#		
24) Chloroform-d	7.563	84	186070	21.114	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.440%		
26) 1,2-Dichloroethane-d4	8.228	65	91725	24.373	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.480%		
32) Benzene-d6	8.198	84	311098	17.281	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	69.120%		
36) 1,2-Dichloropropane-d6	9.210	67	119111	23.904	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.600%		
41) Toluene-d8	10.269	98	254048	15.074	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	60.280%		
43) trans-1,3-Dichloroprop...	10.528	79	41909	20.348	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.400%		
47) 2-Hexanone-d5	10.875	63	41708	69.516	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	139.040%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	128425	33.681	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	134.720%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	81475	24.329	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.320%		
Target Compounds					Qvalue	
13) Acetone	4.022	43	12813	22.309	ug/L	87
16) Methylene chloride	4.799	84	17110	2.393	ug/L	92

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

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