

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077631.D
 Acq On : 18 Nov 2023 15:18
 Operator : JC/SY
 Sample : 05459-10
 Misc : 4.32G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AJ4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 19 23:25:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	24981	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	24113	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	10405	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	7989	12.572	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.280%		
7) Chloroethane-d5	2.805	69	8756	17.539	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.160%		
11) 1,1-Dichloroethene-d2	3.905	65	2702m	13.750	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.000%		
21) 2-Butanone-d5	6.987	46	13904	126.373	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	252.740%#		
24) Chloroform-d	7.563	84	15763	21.843	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.360%		
26) 1,2-Dichloroethane-d4	8.228	65	12878	33.549	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	134.200%#		
32) Benzene-d6	8.204	84	26761	17.100	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	68.400%		
36) 1,2-Dichloropropane-d6	9.210	67	11617	22.789	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.160%		
41) Toluene-d8	10.269	98	22388	15.831	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.320%		
43) trans-1,3-Dichloroprop...	10.528	79	5428	24.695	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.800%		
47) 2-Hexanone-d5	10.875	63	9624	105.535	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	211.060%#		
56) 1,1,2,2-Tetrachloroeth...	12.657	84	16122	47.733	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	190.920%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	8040	21.720	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.880%		
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	5752m	13.638	ug/L	

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

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