

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077639.D
 Acq On : 18 Nov 2023 18:53
 Operator : JC/SY
 Sample : 05438-04RE
 Misc : 5.03G/10ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EY1G5RE

Quant Time: Nov 19 23:26:41 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	46160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	40434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	12895	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	16619	14.153	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.600%		
7) Chloroethane-d5	2.805	69	16205	17.567	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.280%		
11) 1,1-Dichloroethene-d2	3.922	65	5684	15.654	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.600%		
21) 2-Butanone-d5	6.993	46	15146	74.500	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	149.000%#		
24) Chloroform-d	7.569	84	29477	22.106	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.440%		
26) 1,2-Dichloroethane-d4	8.234	65	18900	26.646	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.600%		
32) Benzene-d6	8.199	84	51169	19.498	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.000%		
36) 1,2-Dichloropropane-d6	9.210	67	19164	22.419	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.680%		
41) Toluene-d8	10.269	98	39729	16.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	67.000%		
43) trans-1,3-Dichloroprop...	10.528	79	8548	23.192	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.760%		
47) 2-Hexanone-d5	10.881	63	11486	75.113	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	150.220%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	19571	34.556	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	138.240%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	9520	20.752	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.000%		
Target Compounds					Qvalue	
13) Acetone	4.040	43	2198m	10.285	ug/L	
16) Methylene chloride	4.805	84	12144	15.582	ug/L #	85
42) Toluene	10.334	91	15141	5.143	ug/L	96

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

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