

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076097.D
 Acq On : 11 May 2023 23:32
 Operator : KP/SY
 Sample : 02591-36
 Misc : 4.79G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREA7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2023
 Supervised By : Mahesh Dadoda 05/12/2023

Quant Time: May 12 03:07:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	122763	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	120666	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	43900	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	18403	9.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	39.200%		
7) Chloroethane-d5	2.799	69	22424	13.006	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.040%		
11) 1,1-Dichloroethene-d2	3.916	65	4750	10.047	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	40.200%#		
21) 2-Butanone-d5	6.987	46	39510	156.257	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	312.520%#		
24) Chloroform-d	7.569	84	54533	21.203	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.800%		
26) 1,2-Dichloroethane-d4	8.228	65	34514	30.529	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	122.120%		
32) Benzene-d6	8.198	84	76117	13.992	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	55.960%		
36) 1,2-Dichloropropane-d6	9.210	67	34654	20.673	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.680%		
41) Toluene-d8	10.269	98	51497	10.622	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	42.480%		
43) trans-1,3-Dichloroprop...	10.528	79	12123	19.266	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.080%		
47) 2-Hexanone-d5	10.875	63	22212	90.486	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	180.980%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67280	46.608	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	186.440%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	23058	18.386	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.560%#		
Target Compounds						Qvalue
16) Methylene chloride	4.787	84	7808m	3.911	ug/L	

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

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