

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077620.D
 Acq On : 18 Nov 2023 10:22
 Operator : JC/SY
 Sample : VD1118SBL02
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK167

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 23:22:59 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	8.781	114	268429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	251455	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	116339	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	109823	16.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.320%		
7) Chloroethane-d5	2.805	69	101776	18.973	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.880%		
11) 1,1-Dichloroethene-d2	3.922	65	32229	15.264	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.040%		
21) 2-Butanone-d5	6.987	46	64232	54.331	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.660%		
24) Chloroform-d	7.569	84	158740	20.471	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.880%		
26) 1,2-Dichloroethane-d4	8.234	65	94850	22.996	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.000%		
32) Benzene-d6	8.199	84	309784	18.982	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.920%		
36) 1,2-Dichloropropane-d6	9.210	67	109525	20.603	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.400%		
41) Toluene-d8	10.269	98	272292	18.464	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.840%		
43) trans-1,3-Dichloroprop...	10.528	79	43854	19.133	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.520%		
47) 2-Hexanone-d5	10.875	63	49415	51.962	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.920%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86022	24.423	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.680%		
66) 1,2-Dichlorobenzene-d4	13.816	152	90406	21.844	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.360%		
Target Compounds						Qvalue
16) Methylene chloride	4.811	84	10532m	2.324	ug/L	

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

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