

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077878.D
 Acq On : 14 Dec 2023 12:57
 Operator : RP/MD
 Sample : 05788-04
 Misc : 4.79G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCLQ2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/18/2023

Quant Time: Dec 15 07:12:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	410006	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	387789	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	164245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	161718	14.464	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.840%		
7) Chloroethane-d5	2.811	69	145237	16.297	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.200%		
11) 1,1-Dichloroethene-d2	3.928	65	40597	14.003	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.000%		
21) 2-Butanone-d5	6.987	46	34923m	24.713	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	49.420%		
24) Chloroform-d	7.569	84	188615	17.069	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.280%		
26) 1,2-Dichloroethane-d4	8.228	65	88301	15.771	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	63.080%#		
32) Benzene-d6	8.205	84	399813	17.119	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	68.480%		
36) 1,2-Dichloropropane-d6	9.210	67	118369	16.611	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	66.440%#		
41) Toluene-d8	10.269	98	365059	16.982	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	67.920%		
43) trans-1,3-Dichloroprop...	10.528	79	44120	14.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	56.000%		
47) 2-Hexanone-d5	10.881	63	26672	21.721	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	43.440%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70716	13.733	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	54.920%		
66) 1,2-Dichlorobenzene-d4	13.816	152	101734	17.314	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.240%#		

Target Compounds Qvalue

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

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