

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070523\
 Data File : VD076710.D
 Acq On : 05 Jul 2023 11:55
 Operator : KP/SY
 Sample : 03504-01RE
 Misc : 6.83G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R7RE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/06/2023
 Supervised By : Mahesh Dadoda 07/07/2023

Quant Time: Jul 06 02:13:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	275874	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	186811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	53191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	76095	11.327	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	45.320%		
7) Chloroethane-d5	2.799	69	72262	13.302	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.200%		
11) 1,1-Dichloroethene-d2	3.917	65	24032	13.704	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.800%		
21) 2-Butanone-d5	6.987	46	44310	43.549	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.100%		
24) Chloroform-d	7.569	84	117433	16.157	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	64.640%		
26) 1,2-Dichloroethane-d4	8.228	65	67822	18.915	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.680%		
32) Benzene-d6	8.199	84	211002	18.464	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.840%		
36) 1,2-Dichloropropane-d6	9.210	67	74220	20.347	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.400%		
41) Toluene-d8	10.269	98	163038	15.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	61.640%		
43) trans-1,3-Dichloroprop...	10.528	79	29291	19.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.240%		
47) 2-Hexanone-d5	10.875	63	31974	56.469	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.940%		
56) 1,1,2,2-Tetrachloroeth...	12.645	84	57849	22.292	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.160%		
66) 1,2-Dichlorobenzene-d4	13.810	152	29998	15.386	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	61.560%#		
Target Compounds						Qvalue
13) Acetone	4.028	43	24759m	30.128	ug/L	
20) cis-1,2-Dichloroethene	7.075	96	7525	1.688	ug/L	88
22) 2-Butanone	7.093	43	8578m	6.468	ug/L	
34) Trichloroethene	9.028	95	1751	0.551	ug/L	82
46) Tetrachloroethene	10.810	164	1407	0.564	ug/L	89

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

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