

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077195.D
 Acq On : 22 Sep 2023 11:30
 Operator : JC/SY
 Sample : 04469-05
 Misc : 4.87G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYM1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 23:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 23:41:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	279562	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	271299	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111747	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	111506	16.187	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.760%		
7) Chloroethane-d5	2.799	69	66176	11.682	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	46.720%		
11) 1,1-Dichloroethene-d2	3.916	65	29002	18.534	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.120%		
21) 2-Butanone-d5	6.993	46	28708	33.081	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.160%		
24) Chloroform-d	7.569	84	93901	12.275	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	49.120%		
26) 1,2-Dichloroethane-d4	8.228	65	72940	20.118	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.480%		
32) Benzene-d6	8.204	84	287280	19.172	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.680%		
36) 1,2-Dichloropropane-d6	9.210	67	92298	21.479	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.920%		
41) Toluene-d8	10.269	98	226260	16.495	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	66.000%		
43) trans-1,3-Dichloroprop...	10.522	79	31686	16.183	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.720%		
47) 2-Hexanone-d5	10.881	63	18478	26.923	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.840%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	19390	5.062	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	20.240%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	54895	15.305	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	61.200%#		
Target Compounds						
14) Carbon disulfide	4.269	76	14587	1.200	ug/L	97
16) Methylene chloride	4.805	84	8209m	1.443	ug/L	
25) Chloroform	7.599	83	60298	7.836	ug/L	96
34) Trichloroethene	9.022	95	1920	0.444	ug/L #	78
46) Tetrachloroethene	10.810	164	36256	10.263	ug/L	96

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

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