

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077182.D
 Acq On : 21 Sep 2023 15:53
 Operator : JC/SY
 Sample : 04469-05
 Misc : 4.41G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYM1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:32:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	184442	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	138997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	36637	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	118788	26.137	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.560%			
7) Chloroethane-d5	2.799	69	107905	28.872	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.480%			
11) 1,1-Dichloroethene-d2	3.922	65	29759	28.826	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 115.320%#			
21) 2-Butanone-d5	6.987	46	32063	56.001	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.000%			
24) Chloroform-d	7.569	84	29826	5.910	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 23.640%#			
26) 1,2-Dichloroethane-d4	8.228	65	83699	34.990	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 139.960%#			
32) Benzene-d6	8.199	84	310162	40.401	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 161.600%#			
36) 1,2-Dichloropropane-d6	9.210	67	99505	45.197	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 180.800%#			
41) Toluene-d8	10.269	98	265515	37.782	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 151.120%#			
43) trans-1,3-Dichloroprop...	10.522	79	37132	37.016	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 148.080%#			
47) 2-Hexanone-d5	10.881	63	21761	61.887	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.780%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	366	0.186	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 0.760%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	79737	67.807	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 271.240%#			
Target Compounds					Qvalue	
13) Acetone	4.022	43	2301	2.802	ug/L	60
14) Carbon disulfide	4.275	76	5570	0.695	ug/L #	74
16) Methylene chloride	4.787	84	22166m	5.905	ug/L	
25) Chloroform	7.593	83	131162	25.834	ug/L	97
34) Trichloroethene	9.028	95	10037	4.533	ug/L	91
46) Tetrachloroethene	10.810	164	40384	22.312	ug/L	97

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

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