

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077176.D
 Acq On : 21 Sep 2023 13:10
 Operator : JC/SY
 Sample : 04527-04
 Misc : 5.25G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYK5

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 01:31:03 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						09/22/2023
1) 1,4-Difluorobenzene	8.781	114	276948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	251634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	87908	25.000	ug/L	0.00
System Monitoring Compounds						09/22/2023
4) Vinyl Chloride-d3	2.275	65	201457	29.521	ug/L	
Spiked Amount	25.000	Range 30 - 150	Recovery	= 118.080%		
7) Chloroethane-d5	2.799	69	168100	29.955	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 119.800%		
11) 1,1-Dichloroethene-d2	3.911	65	43160	27.842	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 111.360%#		
21) 2-Butanone-d5	6.981	46	66774	77.672	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 155.340%#		
24) Chloroform-d	7.569	84	227305	29.995	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 119.960%		
26) 1,2-Dichloroethane-d4	8.228	65	120010	33.412	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 133.640%#		
32) Benzene-d6	8.199	84	440320	31.682	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 126.720%		
36) 1,2-Dichloropropane-d6	9.210	67	142271	35.696	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 142.800%#		
41) Toluene-d8	10.269	98	361755	28.435	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 113.720%		
43) trans-1,3-Dichloroprop...	10.528	79	48863	26.907	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 107.640%		
47) 2-Hexanone-d5	10.875	63	50822	79.837	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 159.680%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	120937	34.036	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 136.160%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	87511	31.015	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 124.040%#		
Target Compounds						Qvalue
13) Acetone	4.017	43	6516	5.284	ug/L	82
14) Carbon disulfide	4.275	76	14130	1.174	ug/L	98
16) Methylene chloride	4.811	84	18017m	3.196	ug/L	
25) Chloroform	7.599	83	4331	0.568	ug/L	84
52) Ethylbenzene	11.687	91	28275	1.596	ug/L	98
53) m,p-Xylene	11.787	106	51193	7.482	ug/L	98
54) o-Xylene	12.122	106	22479	3.404	ug/L	95

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

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