

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
 Data File : VD075446.D
 Acq On : 03 Mar 2023 14:31
 Operator : KP/SY
 Sample : MDL05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/06/2023
 Supervised By :Mahesh Dadoda 03/06/2023

Quant Time: Mar 03 23:34:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	290563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	254642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	107125	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	140782	19.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.040%		
7) Chloroethane-d5	2.811	69	132194	21.173	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.680%		
11) 1,1-Dichloroethene-d2	3.922	63	100840	14.964	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.840%		
21) 2-Butanone-d5	6.993	46	22697	33.949	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.900%		
24) Chloroform-d	7.575	84	162641	21.359	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.440%		
26) 1,2-Dichloroethane-d4	8.228	65	68281	20.699	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.800%		
32) Benzene-d6	8.205	84	322880	21.351	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.400%		
36) 1,2-Dichloropropane-d6	9.210	67	95983	22.456	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.840%		
41) Toluene-d8	10.275	98	287087	20.810	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.240%		
43) trans-1,3-Dichloroprop...	10.528	79	33211	19.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.040%		
47) 2-Hexanone-d5	10.881	63	20045	32.509	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.020%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67126	18.775	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.080%		
66) 1,2-Dichlorobenzene-d4	13.816	152	88349	23.578	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.320%		
Target Compounds						Qvalue
3) Chloromethane	2.152	50	8042	1.070	ug/L	89
6) Bromomethane	2.705	94	5382	1.201	ug/L	82
13) Acetone	4.022	43	3401m	4.503	ug/L	
16) Methylene chloride	4.805	84	10511	1.713	ug/L	98
22) 2-Butanone	7.093	43	1793	1.871	ug/L #	58
40) 4-Methyl-2-pentanone	10.163	43	1955	1.134	ug/L #	75
48) 2-Hexanone	10.928	43	1434m	1.130	ug/L	

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

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