

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075438.D
 Acq On : 02 Mar 2023 12:32
 Operator : KP/SY
 Sample : MDL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 05:02:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 04:38:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	290324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	260746	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	114324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	140437	19.482	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.920%		
7) Chloroethane-d5	2.811	69	129736	20.797	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.200%		
11) 1,1-Dichloroethene-d2	3.922	63	102550	15.230	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.920%		
21) 2-Butanone-d5	6.993	46	30291	45.345	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.680%		
24) Chloroform-d	7.569	84	166132	21.835	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.360%		
26) 1,2-Dichloroethane-d4	8.228	65	73175	22.200	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.800%		
32) Benzene-d6	8.204	84	339446	21.921	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.680%		
36) 1,2-Dichloropropane-d6	9.210	67	100437	22.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.800%		
41) Toluene-d8	10.275	98	303282	21.469	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.880%		
43) trans-1,3-Dichloroprop...	10.528	79	39690	22.192	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.760%		
47) 2-Hexanone-d5	10.881	63	26568	42.079	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.160%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80810	22.073	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.280%		
66) 1,2-Dichlorobenzene-d4	13.822	152	93885	23.477	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	5560	1.245	ug/L	94
6) Bromomethane	2.705	94	7545	1.685	ug/L	98
45) 1,1,2-Trichloroethane	10.740	97	4496	1.222	ug/L	96
49) Dibromochloromethane	11.075	129	4715	1.174	ug/L	95
59) Bromoform	12.304	173	2597	1.259	ug/L #	90
63) 1,2,4-Trimethylbenzene	13.216	105	14209	1.007	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	9556	1.124	ug/L #	91
70) 1,2,4-trichlorobenzene	15.104	180	4731	1.103	ug/L	90
71) Naphthalene	15.333	128	9378	1.103	ug/L	96
72) 1,2,3-Trichlorobenzene	15.528	180	4491	1.188	ug/L	99

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

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