

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075439.D
 Acq On : 02 Mar 2023 13:01
 Operator : KP/SY
 Sample : MDL03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 05:03:09 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	290616	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	260876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	112228	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	144260	19.992	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.960%		
7) Chloroethane-d5	2.805	69	134640	21.561	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.240%		
11) 1,1-Dichloroethene-d2	3.922	63	103690	15.384	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.520%		
21) 2-Butanone-d5	6.987	46	29842	44.628	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.260%		
24) Chloroform-d	7.575	84	169412	22.244	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.960%		
26) 1,2-Dichloroethane-d4	8.234	65	75477	22.876	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.520%		
32) Benzene-d6	8.204	84	356000	22.978	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.920%		
36) 1,2-Dichloropropane-d6	9.210	67	103493	23.635	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.520%		
41) Toluene-d8	10.275	98	313576	22.187	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.760%		
43) trans-1,3-Dichloroprop...	10.528	79	39698	22.185	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.760%		
47) 2-Hexanone-d5	10.881	63	25808	40.855	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.700%		
56) 1,1,2,2-Tetrachloroeth...	12.657	84	81739	22.316	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.280%		
66) 1,2-Dichlorobenzene-d4	13.822	152	92782	23.635	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	6012	1.345	ug/L	98
6) Bromomethane	2.699	94	7606	1.697	ug/L	88
30) 1,1,1-Trichloroethane	7.799	97	8541	1.218	ug/L #	86
48) 2-Hexanone	10.934	43	3703	2.849	ug/L #	74
59) Bromoform	12.304	173	2376	1.173	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.904	105	14594	1.030	ug/L	91
64) 1,3-Dichlorobenzene	13.463	146	10407	1.246	ug/L	97
69) 1,3,5-Trichlorobenzene	14.598	180	6371	1.217	ug/L	93
70) 1,2,4-trichlorobenzene	15.098	180	5695	1.353	ug/L #	86
71) Naphthalene	15.339	128	9712	1.163	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	4645	1.252	ug/L	94

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

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