

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077779.D
 Acq On : 07 Dec 2023 17:05
 Operator : JC/SY
 Sample : VIBLK134
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK134

Quant Time: Dec 08 00:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	304031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	286834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	124712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	139508	16.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.320%
7) Chloroethane-d5	2.811	69	129442	19.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
11) 1,1-Dichloroethene-d2	3.928	65	36816	17.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.520%
21) 2-Butanone-d5	6.993	46	38503	36.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.480%
24) Chloroform-d	7.569	84	171221	20.895	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	8.234	65	86019	20.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.880%
32) Benzene-d6	8.204	84	356792	20.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	9.210	67	108476	20.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.320%
41) Toluene-d8	10.275	98	320732	20.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	10.528	79	42204	18.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.440%
47) 2-Hexanone-d5	10.881	63	33111	36.455	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71719	18.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	98188	22.008	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.040%
Target Compounds						
					Qvalue	
33) Benzene	8.252	78	7869	0.421	ug/L	100
51) Chlorobenzene	11.610	112	88770	7.219	ug/L	97
64) 1,3-Dichlorobenzene	13.469	146	3226	0.401	ug/L	88
65) 1,4-Dichlorobenzene	13.539	146	44168	5.287	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	4107	0.567	ug/L #	84
70) 1,2,4-trichlorobenzene	15.098	180	15568	3.345	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	6158	1.509	ug/L	99

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

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