

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077759.D
 Acq On : 06 Dec 2023 14:09
 Operator : JC/SY
 Sample : 05646-02
 Misc : 4.45G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AT6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/08/2023
 Supervised By :Semsettin Yesilyurt 12/08/2023

Quant Time: Dec 07 00:57:11 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	438385	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.593	117	508630	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	104564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	233951	19.569	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.280%		
7) Chloroethane-d5	2.817	69	198522	20.834	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.320%		
11) 1,1-Dichloroethene-d2	3.928	65	62111	20.037	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.160%		
21) 2-Butanone-d5	6.987	46	70604	46.729	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.460%		
24) Chloroform-d	7.575	84	270926	22.930	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.720%		
26) 1,2-Dichloroethane-d4	8.234	65	150258	25.100	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.400%		
32) Benzene-d6	8.204	84	563529	18.396	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.600%		
36) 1,2-Dichloropropane-d6	9.210	67	175761	18.805	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	75.200%		
41) Toluene-d8	10.275	98	474979	16.846	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	67.400%		
43) trans-1,3-Dichloroprop...	10.528	79	75726	18.322	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.280%		
47) 2-Hexanone-d5	10.881	63	63295	39.299	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.600%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	117113	17.340	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.360%		
66) 1,2-Dichlorobenzene-d4	13.816	152	88636	23.695	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.760%		
Target Compounds					Qvalue	
13) Acetone	4.034	43	6795m	3.510	ug/L	
33) Benzene	8.257	78	818779	24.732	ug/L	100
42) Toluene	10.334	91	14918	0.424	ug/L	96
51) Chlorobenzene	11.604	112	21331732m	978.346	ug/L	
64) 1,3-Dichlorobenzene	13.457	146	3624	0.537	ug/L #	87
65) 1,4-Dichlorobenzene	13.540	146	227354	32.461	ug/L	98

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

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