

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077005.D
 Acq On : 14 Aug 2023 17:07
 Operator : JC/SY
 Sample : 03961-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20071

Quant Time: Aug 15 04:49:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	122443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	259629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	67749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70002	72.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.940%	
35) Dibromofluoromethane	7.804	113	83385	59.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.480%	
50) Toluene-d8	10.269	98	272583	60.802	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.600%	
62) 4-Bromofluorobenzene	12.575	95	69621	44.422	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.057	59	24758	399.112	ug/l	99
16) Acetone	4.022	43	10861	41.578	ug/l	95
51) 4-Methyl-2-Pentanone	10.163	43	3321	4.020	ug/l #	77
52) Toluene	10.334	92	9824	2.695	ug/l	88
59) 2-Hexanone	10.928	43	7551	13.427	ug/l	74
64) Tetrachloroethene	10.804	164	2783	2.408	ug/l #	73
67) Ethyl Benzene	11.687	91	11691	1.706	ug/l	96
68) m/p-Xylenes	11.787	106	13382	5.027	ug/l	85
69) o-Xylene	12.122	106	7865	3.081	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	5459	1.578	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	17212	4.881	ug/l	96

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

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