

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015835.D
 Acq On : 04 Oct 2023 18:12
 Operator : SY/MD
 Sample : 04693-04
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-3(0-5)

Quant Time: Oct 05 06:57:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	199870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114068	51.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.740%
35) Dibromofluoromethane	7.710	113	101571	51.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.460%
50) Toluene-d8	10.179	98	382089	56.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.680%
62) 4-Bromofluorobenzene	12.477	95	122847	46.571	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.140%

Target Compounds						Qvalue
16) Acetone	3.942	43	114659	97.427	ug/l	92
17) Carbon Disulfide	4.186	76	21322	6.242	ug/l	99
20) Methylene Chloride	4.704	84	32739	8.705	ug/l	89
25) 2-Butanone	6.984	43	47207	28.379	ug/l	94
39) Methylcyclohexane	9.179	83	3971	1.225	ug/l	89
40) Benzene	8.161	78	23951	2.679	ug/l	100
52) Toluene	10.240	92	13790	2.393	ug/l	93
68) m/p-Xylenes	11.697	106	5481	1.336	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	10203	1.335	ug/l	99
86) p-Isopropyltoluene	13.367	119	39166	4.685	ug/l	98

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

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