

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020817.D
 Acq On : 14 Jan 2025 12:33
 Operator : SY/MD
 Sample : Q1077-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-01132025

Quant Time: Jan 15 03:28:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	101127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	162840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	133548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	53424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	59767	69.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.060%
35) Dibromofluoromethane	7.646	113	52524	51.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.115	98	187354	52.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.414	95	56979	43.386	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.780%

Target Compounds						Qvalue
16) Acetone	3.879	43	6719	54.970	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	1631	3.100	ug/l	97
68) m/p-Xylenes	11.633	106	3612	1.835	ug/l	91
69) o-Xylene	11.957	106	4390	2.352	ug/l	94
78) n-propylbenzene	12.603	91	9794	2.036	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	20159	5.869	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	47768	14.242	ug/l	98
85) sec-Butylbenzene	13.188	105	8981	2.001	ug/l	92
86) p-Isopropyltoluene	13.298	119	7186	1.877	ug/l	98
89) n-Butylbenzene	13.621	91	6649	2.002	ug/l #	61

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

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