

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021341.D
 Acq On : 26 Feb 2025 18:58
 Operator : SY/MD
 Sample : Q1427-01
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-227

Quant Time: Feb 27 00:42:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	155404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	292852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	290062	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	169059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90908	51.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.140%
35) Dibromofluoromethane	7.634	113	94236	49.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.103	98	499871	67.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	134.740%#
62) 4-Bromofluorobenzene	12.401	95	264539	105.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	211.860%#

Target Compounds						Qvalue
16) Acetone	3.860	43	8434	24.940	ug/l	# 82
31) Cyclohexane	7.701	56	41027	13.200	ug/l	95
39) Methylcyclohexane	9.109	83	194514	53.325	ug/l	93
68) m/p-Xylenes	11.621	106	8670	1.999	ug/l	# 1
73) Isopropylbenzene	12.255	105	226800	17.845	ug/l	97
78) n-propylbenzene	12.597	91	425887	27.614	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	10634	1.020	ug/l	82
83) tert-Butylbenzene	12.999	119	27757	2.948	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.042	105	23116	2.230	ug/l	95
85) sec-Butylbenzene	13.176	105	603788	43.899	ug/l	# 77
89) n-Butylbenzene	13.615	91	236595	21.891	ug/l	# 70

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

