

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020901.D
 Acq On : 22 Jan 2025 16:05
 Operator : SY/MD
 Sample : Q1154-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-220

Quant Time: Jan 23 00:46:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	280649	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	531588	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	371602	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	125144	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	146555	61.438	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.880%
35) Dibromofluoromethane	7.652	113	158212	47.506	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.121	98	531271	45.761	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.420	95	140281	32.721	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	65.440%

Target Compounds						Qvalue
11) Tert butyl alcohol	4.884	59	7592	42.120	ug/l	# 89
13) Acrolein	3.671	56	1085	21.435	ug/l	92
15) Acrylonitrile	5.098	53	2074	4.217	ug/l	91
16) Acetone	3.891	43	29787	87.812	ug/l	97
52) Toluene	10.182	92	11503	1.332	ug/l	97
68) m/p-Xylenes	11.639	106	21369	3.902	ug/l	97
69) o-Xylene	11.969	106	7119	1.371	ug/l	98
80) 1,3,5-Trimethylbenzene	12.749	105	8533	1.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	37340	4.753	ug/l	99
86) p-Isopropyltoluene	13.304	119	153912	17.165	ug/l	95

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

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