

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011456.D
 Acq On : 15 Nov 2022 14:28
 Operator : KP/MD
 Sample : N5417-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1732

Quant Time: Nov 16 00:21:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	130744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93823	102.369	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 204.740%#			
35) Dibromofluoromethane	7.722	113	92732	77.415	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 154.820%#			
50) Toluene-d8	10.179	98	202687	44.292	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.580%			
62) 4-Bromofluorobenzene	12.483	95	51354	32.174	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 64.340%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	5576	21.759	ug/l #	87
15) Acrylonitrile	5.167	53	1307	4.764	ug/l	95
16) Acetone	3.948	43	95953	396.742	ug/l #	79
18) Methyl Acetate	4.485	43	4754	6.103	ug/l	92
20) Methylene Chloride	4.722	84	61061	45.819	ug/l #	76
25) 2-Butanone	6.990	43	39675	115.167	ug/l #	78
51) 4-Methyl-2-Pentanone	10.075	43	6542	7.551	ug/l #	84
59) 2-Hexanone	10.837	43	7511	12.238	ug/l	83
68) m/p-Xylenes	11.697	106	7845	4.376	ug/l	96
69) o-Xylene	12.032	106	3498	2.069	ug/l	96
74) N-amyl acetate	12.111	43	5407	10.832	ug/l #	53
84) 1,2,4-Trimethylbenzene	13.117	105	3036	1.546	ug/l	80

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

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