

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004332.D
 Acq On : 08 Apr 2021 13:59
 Operator : SY/MD
 Sample : M1971-03
 Misc : 5.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-040721

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:59:04 AM

Quant Time: Apr 09 03:16:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	171156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	263235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	106693	64.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.70%			
35) Dibromofluoromethane	7.728	113	90294	55.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.12%			
50) Toluene-d8	10.185	98	356500	57.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.60%			
62) 4-Bromofluorobenzene	12.483	95	115864	54.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.62%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	2560	7.47	ug/l	90
69) o-Xylene	12.032	106	3592	1.05	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	156798	23.53	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	25233	3.78	ug/l	98
85) sec-Butylbenzene	13.258	105	11085m	1.40	ug/l	
86) p-Isopropyltoluene	13.373	119	60802	8.25	ug/l	99

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

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Chromatogram plot showing Abundance vs Time (min). The y-axis ranges from 0 to 1.2e+07. The x-axis ranges from 2.00 to 16.00. The plot shows a baseline with several sharp peaks. Key peaks are labeled:

- Acetone, T (4.00 min)
- 1,2-Dichloroethane-d4, S (7.80 min)
- 1,4-Difluorobenzene, I (8.80 min)
- Toluene-d8, S (10.20 min)
- Chlorobenzene-d5, I (11.50 min)
- o-Xylene, T (12.20 min)
- 4-Bromofluorobenzene, S (12.80 min)
- 1,3,5-Trimethylbenzene, T (13.20 min)
- 1,2,4-Trimethylbenzene, T (13.50 min)
- sec-Butylbenzene, T (13.80 min)
- Isopropylbenzene, T (14.00 min)
- 1,4-Dimethylbenzene, T (14.50 min)