

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010565.D
 Acq On : 19 Sep 2022 20:45
 Operator : KP/MD
 Sample : N4641-07
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A1-8-17.5

Quant Time: Sep 20 01:06:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	188854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	298456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112903	62.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.000%	
35) Dibromofluoromethane	7.710	113	99875	49.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.900%	
50) Toluene-d8	10.173	98	377356	50.521	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.477	95	127715	45.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.760%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	112738	718.383	ug/l #	94
16) Acetone	3.936	43	89322	242.485	ug/l	92
17) Carbon Disulfide	4.180	76	16680	1.840	ug/l	99
18) Methyl Acetate	4.466	43	14200	12.061	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	2264949	544.764	ug/l	97
22) Diisopropyl ether	6.106	45	49628	10.457	ug/l #	89
25) 2-Butanone	6.978	43	34876	60.531	ug/l #	84
31) Cyclohexane	7.783	56	11264	2.113	ug/l #	51
40) Benzene	8.155	78	259059	38.616	ug/l	96
42) 1,2-Dichloroethane	8.234	62	16739	8.103	ug/l	90

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

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