

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004715.D
 Acq On : 04 May 2021 15:08
 Operator : SY/MD
 Sample : M2253-04
 Misc : 2.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31069

Manual Integrations
 APPROVED

MMDadoda

5/5/2021 5:31:39 PM

Quant Time: May 05 01:34:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	156622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103111	59.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.50%			
35) Dibromofluoromethane	7.722	113	76098	50.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.72%			
50) Toluene-d8	10.179	98	316536	49.25	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.50%			
62) 4-Bromofluorobenzene	12.483	95	71096	32.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 65.20%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	64926	378.58	ug/l	99
15) Acrylonitrile	5.173	53	2720	5.41	ug/l #	84
16) Acetone	3.954	43	13911965	40785.06	ug/l	97
17) Carbon Disulfide	4.204	76	11238	2.40	ug/l	97
20) Methylene Chloride	4.728	84	12512	7.44	ug/l	95
25) 2-Butanone	6.996	43	283062	427.02	ug/l	97
29) Tetrahydrofuran	7.356	42	7080	14.95	ug/l	95
37) Ethyl Acetate	7.082	43	23289	13.37	ug/l	99
40) Benzene	8.161	78	10094	1.33	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	118424	69.80	ug/l	98
52) Toluene	10.246	92	22510	4.58	ug/l	98
59) 2-Hexanone	10.837	43	11831	10.40	ug/l	88
68) m/p-Xylenes	11.697	106	11422	3.95	ug/l	95
69) o-Xylene	12.026	106	9569	3.53	ug/l	91
78) n-propylbenzene	12.672	91	6822	1.88	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	62645	25.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	53295	21.12	ug/l	100
85) sec-Butylbenzene	13.245	105	4035	1.35	ug/l #	57
86) p-Isopropyltoluene	13.367	119	5453m	2.01	ug/l	
89) n-Butylbenzene	13.696	91	3935m	1.52	ug/l	
95) Naphthalene	15.233	128	10890	6.63	ug/l #	90

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

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