

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004593.D
 Acq On : 22 Apr 2021 18:21
 Operator : SY/MD
 Sample : M2119-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12016

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 6:11:44 PM

Quant Time: Apr 23 09:23:10 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	7.801	168	117289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	94013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	80094	61.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.92%			
35) Dibromofluoromethane	7.728	113	65793	57.54	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.08%			
50) Toluene-d8	10.185	98	195998	40.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 80.60%			
62) 4-Bromofluorobenzene	12.483	95	22221	13.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 26.92%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	245219	1909.38	ug/l	99
16) Acetone	3.960	43	147367	556.37	ug/l	97
18) Methyl Acetate	4.497	43	1653	1.82	ug/l #	78
25) 2-Butanone	7.002	43	81804	164.79	ug/l	96
40) Benzene	8.173	78	21096	3.67	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	18060	14.07	ug/l	98
52) Toluene	10.246	92	33432	8.98	ug/l	95
59) 2-Hexanone	10.837	43	29672	34.48	ug/l	96
67) Ethyl Benzene	11.599	91	20558	5.73	ug/l	94
68) m/p-Xylenes	11.703	106	20543	15.40	ug/l	97
69) o-Xylene	12.032	106	10610	8.49	ug/l	100
73) Isopropylbenzene	12.331	105	6631	7.48	ug/l	98
78) n-propylbenzene	12.672	91	9059	8.65	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	10673	14.81	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	36962	50.81	ug/l	86
85) sec-Butylbenzene	13.257	105	7758	9.01	ug/l	84
86) p-Isopropyltoluene	13.373	119	4407	5.63	ug/l	88
89) n-Butylbenzene	13.696	91	3078m	4.12	ug/l	
95) Naphthalene	15.239	128	10668	22.52	ug/l	97

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

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