

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051321\  
 Data File : VY004767.D  
 Acq On : 13 May 2021 15:59  
 Operator : SY/MD  
 Sample : M2383-02  
 Misc : 2.95G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 KSB-02(7.5-9.5)

Manual Integrations  
 APPROVED

MMDadoda  
 5/14/2021 6:50:26 PM

Quant Time: May 14 02:29:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051021S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 11 04:13:44 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	7.801	168	160561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	275715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	106974	55.97	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery =	111.94%		
35) Dibromofluoromethane	7.728	113	90586	56.88	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery =	113.76%		
50) Toluene-d8	10.184	98	364939	50.73	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery =	101.46%		
62) 4-Bromofluorobenzene	12.483	95	127704	52.59	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery =	105.18%		
Target Compounds						
						Qvalue
16) Acetone	3.966	43	14248	33.19	ug/l	93
17) Carbon Disulfide	4.210	76	5314381	1096.53	ug/l	99
30) Chloroform	7.520	83	6657	2.01	ug/l #	83
39) Methylcyclohexane	9.191	83	4116	1.27	ug/l	96
40) Benzene	8.167	78	587645	69.73	ug/l	98
52) Toluene	10.245	92	98666	18.54	ug/l	97
67) Ethyl Benzene	11.599	91	1482036	140.58	ug/l	98
68) m/p-Xylenes	11.709	106	1001965	252.95	ug/l	99
69) o-Xylene	12.032	106	365374	98.70	ug/l	100
73) Isopropylbenzene	12.336	105	107099	10.70	ug/l	99
78) n-propylbenzene	12.672	91	593510	48.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	938398	112.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	3537218	425.07	ug/l	100
85) sec-Butylbenzene	13.257	105	27132m	2.63	ug/l	
86) p-Isopropyltoluene	13.373	119	61048	6.82	ug/l	95
89) n-Butylbenzene	13.696	91	46023	5.26	ug/l #	71
95) Naphthalene	15.238	128	17290618	3171.25	ug/l #	87

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

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**Client Sampled :**  
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