

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
 Data File : VY007470.D
 Acq On : 10 Feb 2022 14:37
 Operator : SY/MD
 Sample : N1465-02
 Misc : 6.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5-2-6.5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2022
 Supervised By : Mahesh Dadoda 02/11/2022

Quant Time: Feb 11 00:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74318	59.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.420%			
35) Dibromofluoromethane	7.722	113	65284	51.051	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.100%			
50) Toluene-d8	10.179	98	245961	52.060	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.483	95	93862	58.451	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.900%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	137253	1119.554	ug/l #	93
19) Methyl tert-butyl Ether	5.222	73	358618	100.214	ug/l #	69
22) Diisopropyl ether	6.119	45	33384	8.167	ug/l #	90
25) 2-Butanone	6.984	43	8527	17.312	ug/l	93
31) Cyclohexane	7.783	56	59172	24.158	ug/l	96
39) Methylcyclohexane	9.185	83	43021	15.323	ug/l	90
40) Benzene	8.161	78	3794013	640.238	ug/l	98
52) Toluene	10.246	92	37117	9.941	ug/l	95
67) Ethyl Benzene	11.593	91	621161	73.663	ug/l	99
68) m/p-Xylenes	11.703	106	177525	56.841	ug/l	98
69) o-Xylene	12.032	106	32735	11.086	ug/l	99
73) Isopropylbenzene	12.331	105	44193	5.504	ug/l	99
78) n-propylbenzene	12.672	91	134867	13.867	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	75845	11.579	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	315139	48.863	ug/l	100
85) sec-Butylbenzene	13.251	105	18997	2.221	ug/l #	64
86) p-Isopropyltoluene	13.367	119	7340m	1.053	ug/l	
89) n-Butylbenzene	13.697	91	35636	5.314	ug/l #	75
95) Naphthalene	15.233	128	287549	80.947	ug/l	99

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

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