Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
Data File : VY008359.D
Acq On : 15 Apr 2022 18:23
Operator : KP/MD
Sample : N2431-05
Misc : 5.0g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 16 05:00:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	94938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	86652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44470	49.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.740%			
35) Dibromofluoromethane	7.716	113	47899	52.379	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.760%			
50) Toluene-d8	10.179	98	170387	54.452	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.900%			
62) 4-Bromofluorobenzene	12.477	95	38611	32.806	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 65.620%			
Target Compounds						Qvalue
16) Acetone	3.948	43	10626	49.540	ug/l #	86
17) Carbon Disulfide	4.192	76	16096	6.516	ug/l #	94
25) 2-Butanone	6.984	43	4514	13.459	ug/l #	61
31) Cyclohexane	7.777	56	42051	26.077	ug/l	93
39) Methylcyclohexane	9.185	83	91484m	48.691	ug/l	
40) Benzene	8.161	78	21062	4.844	ug/l	100
52) Toluene	10.246	92	46944	16.385	ug/l	96
67) Ethyl Benzene	11.593	91	61186	19.147	ug/l	99
68) m/p-Xylenes	11.697	106	94358	74.243	ug/l	92
69) o-Xylene	12.026	106	66428	53.860	ug/l	91
73) Isopropylbenzene	12.331	105	19989	13.634	ug/l	98
78) n-propylbenzene	12.672	91	36391	21.036	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	88521	73.635	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	284912	239.482	ug/l	96
85) sec-Butylbenzene	13.258	105	13093	8.189	ug/l #	77
86) p-Isopropyltoluene	13.367	119	131536	98.585	ug/l	98
89) n-Butylbenzene	13.696	91	20462	16.974	ug/l #	79
95) Naphthalene	15.239	128	75442	94.068	ug/l #	95

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

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