Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

Manual Integrations APPROVED

Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

Quant Time: Jan 18 03:09:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	118288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81984	56.486	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.980%			
35) Dibromofluoromethane	7.722	113	73436	49.556	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.120%			
50) Toluene-d8	10.179	98	268826	49.648	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.483	95	102924	53.437	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.880%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	71689	585.738	ug/l	100
16) Acetone	3.948	43	39105	103.816	ug/l #	70
22) Diisopropyl ether	6.118	45	9636	2.216	ug/l #	92
25) 2-Butanone	6.990	43	6920	14.209	ug/l #	79
31) Cyclohexane	7.783	56	53297	21.720	ug/l	94
39) Methylcyclohexane	9.185	83	54835	18.976	ug/l	93
40) Benzene	8.161	78	77246	12.236	ug/l	96
42) 1,2-Dichloroethane	8.234	62	3045	1.532	ug/l #	74
67) Ethyl Benzene	11.593	91	115164	13.640	ug/l	98
68) m/p-Xylenes	11.709	106	18922	6.031	ug/l	99
69) o-Xylene	12.032	106	5751	1.946	ug/l	95
73) Isopropylbenzene	12.331	105	45815	5.755	ug/l	100
78) n-propylbenzene	12.672	91	121854	12.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	42215	6.458	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	221544	34.191	ug/l	99
85) sec-Butylbenzene	13.257	105	36788	4.353	ug/l #	55
89) n-Butylbenzene	13.696	91	37780m	5.525	ug/l	
95) Naphthalene	15.239	128	112267	28.810	ug/l	99

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

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