Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014169.D
Acq On : 07 Feb 2018 20:07
Operator : SJ/JU
Sample : J1161-01
Misc : LOD 5 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:29 PM

Quant Time: Feb 08 10:49:29 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	70802	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	314268	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	213761	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	563578	20.00	ng		0.00
75) Chrysene-d12	21.17	240	678953	20.00	ng		0.00
86) Perylene-d12	23.34	264	644026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	556394	136.97	ng		0.00
7) Phenol-d6	6.73	99	758074	131.77	ng		0.00
23) Nitrobenzene-d5	8.70	82	689809	98.04	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	445556	146.89	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1584485	92.53	ng		0.00
78) Terphenyl-d14	19.60	244	3039249	87.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	8176	4.90	ng	#	100
3) Pyridine	3.55	79	18641	4.03	ng	#	80
4) n-Nitrosodimethylamine	3.46	42	13058	4.43	ng	#	41
32) Benzoic acid	9.69	122	1653	6.59	ng	#	83
33) 4-Chloroaniline	10.52	127	24604	3.44	ng	#	81
35) Caprolactam	11.30	113	5686m	3.42	ng		
52) 3-Nitroaniline	14.15	138	14200	3.50	ng		83
55) 4-Nitrophenol	14.51	139	5332	7.33	ng	#	81
64) 4,6-Dinitro-2-methylphenol	15.39	198	9141	7.66	ng		92

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

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