Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110084.D
Acq On : 23 Oct 2018 18:19
Operator : JU/SJ
Sample : J5164-01
Misc : LOD 5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2018

Quant Time: Oct 24 04:32:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	187051	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	785721	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	387078	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	745950	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	625493	20.00	ng		-0.02
87) Perylene-d12	15.67	264	553067	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1440408	125.40	ng		-0.01
7) Phenol-d6	6.59	99	1838052	125.11	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1097842	82.87	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	478517	124.80	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1957230	79.40	ng		-0.01
79) Terphenyl-d14	13.09	244	2050890	68.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	25318	4.207	ng		90
3) Pyridine	3.67	79	63854	4.764	ng		88
4) n-Nitrosodimethylamine	3.55	42	31405	5.592	ng	#	94
32) Benzoic acid	7.95	122	26294	3.153	ng		95
33) 4-Chloroaniline	8.32	127	70228	4.309	ng		96
35) Caprolactam	8.65	113	18582	4.891	ng	#	88
53) 3-Nitroaniline	9.95	138	31715	4.333	ng		93
56) 4-Nitrophenol	10.10	139	27300	5.040	ng		96
65) 4,6-Dinitro-2-methylphenol	10.59	198	12065	3.540	ng		86

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

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