Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000103.D
Acq On : 15 Feb 2018 18:42
Operator : JU/SJ
Sample : J1161-07
Misc : 5 PPM LOD
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 16 10:22:20 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	325893	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1630822	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	989108	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2247572	20.00	ng		-0.01
75) Chrysene-d12	21.90	240	2512442	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2675473	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2653406	132.69	ng		-0.01
7) Phenol-d6	7.58	99	3849374	127.09	ng		-0.01
23) Nitrobenzene-d5	9.64	82	2735172	99.72	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1322517	135.08	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	6905159	98.39	ng		-0.01
78) Terphenyl-d14	20.35	244	9056143	97.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	35848	4.455	ng		99
3) Pyridine	4.12	79	99188	3.960	ng		99
4) n-Nitrosodimethylamine	4.01	42	28479	4.021	ng		91
32) Benzoic acid	10.48	122	24682m	11.598	ng		
33) 4-Chloroaniline	11.45	127	143480	3.653	ng		94
35) Caprolactam	12.16	113	22904	6.129	ng		93
52) 3-Nitroaniline	14.96	138	60484	2.915	ng	#	97
55) 4-Nitrophenol	15.23	139	37999	7.072	ng	#	82
64) 4,6-Dinitro-2-methylphenol	16.16	198	21700	10.376	ng		89

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

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