Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-05(CB#1-LINE@5)

Manual Integrations APPROVED
Sohil
2/2/2018 9:52:56 AM

Quant Time: Feb 02 01:34:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	140874	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	548097	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	211073	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	259180	20.00	ng		0.01
75) Chrysene-d12	13.92	240	117619	20.00	ng		0.05
86) Perylene-d12	15.41	264	136105	20.00	ng		0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	805016	86.65	ng		0.01
7) Phenol-d6	6.37	99	995774	88.90	ng		0.01
23) Nitrobenzene-d5	7.27	82	572736	60.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	142639	68.20	ng		0.01
44) 2-Fluorobiphenyl	9.06	172	908830	63.31	ng		0.00
78) Terphenyl-d14	12.84	244	377282	72.31	ng		0.03
Target Compounds							Qvalue
22) Acetophenone	7.09	105	30069	2.301	ng	#	53
31) Naphthalene	8.00	128	319507	11.675	ng		97
37) 2-Methylnaphthalene	8.70	142	534363	29.321	ng		99
45) 1,1'-Biphenyl	9.16	154	62039	3.287	ng		96
49) Dimethylphthalate	9.46	163	40870	2.343	ng	#	81
51) Acenaphthene	9.77	154	121445	9.098	ng		93
54) Dibenzofuran	9.95	168	124913	6.915	ng	#	61
56) 2,4-Dinitrotoluene	9.95	165	24970	5.398	ng	#	54
57) Fluorene	10.29	166	152429	10.649	ng	#	97
61) 4-Nitroaniline	10.19	138	14434	3.251	ng		87
70) Phenanthrene	11.26	178	861470	57.040	ng		99
71) Anthracene	11.32	178	159449m	10.343	ng		
72) Carbazole	11.48	167	83522	5.554	ng	#	64
74) Fluoranthene	12.47	202	619791	40.243	ng		97
77) Pyrene	12.70	202	591941m	65.092	ng		
80) Benzo(a)anthracene	13.91	228	212496	29.345	ng	#	76
82) Chrysene	13.94	228	200370	27.248	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.68	276	27481	4.525	ng	#	78
91) Benzo(g,h,i)perylene	17.26	276	160567	25.232	ng	#	83

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