Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(3-5)

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:51 PM

Quant Time: Jul 31 03:51:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	172165	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	712174	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	297954	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	480274	20.00	ng		0.00
75) Chrysene-d12	14.17	240	374096	20.00	ng		0.01
86) Perylene-d12	15.70	264	407057	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1043168	102.98	ng		0.00
7) Phenol-d6	6.60	99	1397041	104.64	ng		0.00
23) Nitrobenzene-d5	7.52	82	931811	75.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	295308	72.94	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1486016	69.50	ng		0.00
78) Terphenyl-d14	13.08	244	1117425	64.77	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.27	128	809075	24.440	ng		100
37) 2-Methylnaphthalene	8.95	142	257787	12.397	ng		97
45) 1,1'-Biphenyl	9.42	154	163396	6.026	ng		99
48) Acenaphthylene	9.87	152	1015097	32.022	ng		98
49) Dimethylphthalate	9.71	163	118741	5.307	ng	#	97
51) Acenaphthene	10.03	154	189047	10.266	ng		96
54) Dibenzofuran	10.21	168	344493	12.104	ng	#	96
55) 4-Nitrophenol	10.04	139	7192	11.516	ng		87
57) Fluorene	10.55	166	684862	30.962	ng	#	98
70) Phenanthrene	11.54	178	3519832	154.346	ng		94
71) Anthracene	11.58	178	1736089	66.002	ng		99
72) Carbazole	11.74	167	118021	4.540	ng	#	81
74) Fluoranthene	12.73	202	3481319	129.943	ng		95
77) Pyrene	12.97	202	3865281	143.488	ng		95
80) Benzo(a)anthracene	14.15	228	2373713	112.014	ng	#	84
82) Chrysene	14.19	228	2104786	92.086	ng		94
85) Indeno(1,2,3-cd)pyrene	17.29	276	1000992	57.576	ng	#	86
87) Benzo(b)fluoranthene	15.25	252	2324463m	115.783	ng		
88) Benzo(k)fluoranthene	15.27	252	920664m	37.352	ng		
89) Benzo(a)pyrene	15.64	252	2001658	96.580	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	247500	13.690	ng	#	92
91) Benzo(g,h,i)perylene	17.78	276	1016043	58.084	ng		95

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

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