Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF102001.D
Acq On : 11 Jan 2018 1:17
Operator : SJ/JU
Sample : J1076-16MSD 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-53-01MSD

Manual Integrations APPROVED
Sohil
1/11/2018 10:53:30 AM

Quant Time: Jan 11 04:58:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	211985	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	703355	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	361500	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	507324	20.00	ng		0.00
75) Chrysene-d12	13.88	240	287718	20.00	ng		0.00
86) Perylene-d12	15.30	264	382462	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	6935	0.46	ng		0.00
7) Phenol-d6	6.35	99	8191	0.46	ng		0.00
23) Nitrobenzene-d5	7.29	82	4687	0.39	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	1095	0.35	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	9530	0.41	ng		-0.01
78) Terphenyl-d14	12.83	244	7808	0.56	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	547241	27.035	ng		99
17) 2-Methylphenol	6.97	107	161836	11.915	ng		97
20) 3+4-Methylphenols	7.13	107	488278	29.941	ng		89
27) 2,4-Dimethylphenol	7.67	122	138743	13.800	ng		97
31) Naphthalene	8.06	128	11271860	320.720	ng		97
32) Benzoic acid	7.80	122	121189	15.897	ng	#	13
37) 2-Methylnaphthalene	8.73	142	2325194	100.496	ng		98
45) 1,1'-Biphenyl	9.19	154	754090	23.600	ng		99
48) Acenaphthylene	9.63	152	3317786	84.374	ng		98
51) Acenaphthene	9.79	154	207578	8.697	ng		99
54) Dibenzofuran	9.97	168	2034528	62.112	ng		98
57) Fluorene	10.32	166	2125473	93.865	ng		99
70) Phenanthrene	11.29	178	4765291	160.802	ng		98
71) Anthracene	11.33	178	2667560	88.756	ng		99
72) Carbazole	11.48	167	1079317	36.536	ng		99
74) Fluoranthene	12.47	202	3051144	104.648	ng		100
77) Pyrene	12.69	202	2405156	94.570	ng		98
80) Benzo(a)anthracene	13.87	228	1226144m	66.794	ng		
82) Chrysene	13.91	228	1135490	59.321	ng		97
85) Indeno(1,2,3-cd)pyrene	16.68	276	578405	41.517	ng		99
87) Benzo(b)fluoranthene	14.90	252	1334788m	53.525	ng		
88) Benzo(k)fluoranthene	14.92	252	490364m	20.384	ng		
89) Benzo(a)pyrene	15.25	252	1090136	48.579	ng		96
90) Dibenzo(a,h)anthracene	16.69	278	175816	9.818	ng		94
91) Benzo(g,h,i)perylene	17.10	276	483146	26.783	ng		96

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

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