Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119286.D
Acq On : 9 Mar 2020 14:37
Operator : CG/JU
Sample : L1761-01DL 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-030420DL

Manual Integrations APPROVED
mohammad
3/10/2020 2:44:10 PM

Quant Time: Mar 09 15:40:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120226	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	477916	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	265226	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	499250	20.00	ng		0.00
76) Chrysene-d12	13.89	240	294676	20.00	ng		0.00
87) Perylene-d12	15.31	264	324753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	27054	3.76	ng		0.02
7) Phenol-d6	6.40	99	37558	4.29	ng		0.02
23) Nitrobenzene-d5	7.29	82	24561	2.71	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	12832	3.70	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	58947	3.27	ng		-0.01
79) Terphenyl-d14	12.82	244	71443	4.17	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.03	128	764405	30.841	ng		97
37) 2-Methylnaphthalene	8.72	142	718235	43.060	ng		99
38) 1-Methylnaphthalene	8.82	142	593548	37.838	ng		98
46) 1,1'-Biphenyl	9.18	154	113782	5.308	ng		98
52) Acenaphthene	9.79	154	346414	23.027	ng		98
55) Dibenzofuran	9.96	168	166837	7.430	ng	#	94
58) Fluorene	10.30	166	578085	33.132	ng		99
71) Phenanthrene	11.28	178	2573902	94.536	ng		99
72) Anthracene	11.32	178	959153	35.258	ng		98
73) Carbazole	11.48	167	98368	4.059	ng		98
75) Fluoranthene	12.46	202	1161668	40.196	ng		100
78) Pyrene	12.69	202	1456909	61.571	ng		99
81) Benzo(a)anthracene	13.87	228	510733	25.437	ng		99
83) Chrysene	13.91	228	433404	21.663	ng		98
86) Indeno(1,2,3-cd)pyrene	16.72	276	141633	7.311	ng		95
88) Benzo(b)fluoranthene	14.91	252	326812m	15.267	ng		
89) Benzo(k)fluoranthene	14.93	252	127545m	6.430	ng		
90) Benzo(a)pyrene	15.26	252	326975	16.925	ng		98
91) Dibenzo(a,h)anthracene	16.72	278	43598m	2.565	ng		
92) Benzo(g,h,i)perylene	17.14	276	133228	7.932	ng		98

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

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