Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119741.D
Acq On : 4 Apr 2020 3:32
Operator : MA/SJ
Sample : L2129-36
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Manual Integrations APPROVED
mohammad
4/6/2020 1:38:57 PM

Quant Time: Apr 06 08:50:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	191782	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	719200	20.00	ng		-0.02
39) Acenaphthene-d10	9.85	164	338202	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	429762	20.00	ng		0.00
76) Chrysene-d12	14.02	240	221511	20.00	ng		0.02
87) Perylene-d12	15.48	264	349828	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1747200	145.03	ng		0.00
7) Phenol-d6	6.44	99	2234667	145.21	ng		0.00
23) Nitrobenzene-d5	7.37	82	1423161	107.54	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	472381	135.39	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2376151	104.09	ng		-0.01
79) Terphenyl-d14	12.94	244	1838676	162.63	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	33962	2.068	ng	#	68
20) 3+4-Methylphenols	7.21	107	40918	2.880	ng		87
31) Naphthalene	8.11	128	1254429	33.894	ng		99
37) 2-Methylnaphthalene	8.80	142	800066	32.938	ng		99
38) 1-Methylnaphthalene	8.90	142	546302	23.762	ng		99
46) 1,1'-Biphenyl	9.27	154	243152	8.827	ng		96
49) Acenaphthylene	9.70	152	162326	4.791	ng	#	91
50) Dimethylphthalate	9.56	163	345616	14.387	ng		100
52) Acenaphthene	9.89	154	1892750	89.607	ng		98
55) Dibenzofuran	10.06	168	2700079	89.157	ng		98
58) Fluorene	10.40	166	2580455	115.224	ng		100
71) Phenanthrene	11.41	178	17050623	765.141	ng		92
72) Anthracene	11.45	178	5099462	225.157	ng		95
73) Carbazole	11.59	167	3764172	167.912	ng		98
74) Di-n-butylphthalate	11.91	149	181315	7.561	ng	#	96
75) Fluoranthene	12.60	202	14490350	600.838	ng		93
78) Pyrene	12.84	202	12710269m	699.166	ng		
81) Benzo(a)anthracene	14.01	228	8881638	616.587	ng	#	91
83) Chrysene	14.06	228	6292905	423.308	ng	#	90
86) Indeno(1,2,3-cd)pyrene	16.96	276	3193855	228.118	ng		96
88) Benzo(b)fluoranthene	15.07	252	8640658m	369.758	ng		
89) Benzo(k)fluoranthene	15.10	252	2139883m	96.168	ng		
90) Benzo(a)pyrene	15.44	252	5993115	282.203	ng		95
91) Dibenzo(a,h)anthracene	16.96	278	1038689m	55.918	ng		
92) Benzo(g,h,i)perylene	17.40	276	2722122	145.871	ng		95

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

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