Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115887.D
Acq On : 1 Aug 2019 00:45
Operator : HP/JU
Sample : K4049-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

Manual Integrations APPROVED
mohammad
8/1/2019 5:07:18 PM

Quant Time: Aug 01 12:14:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132856	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	484799	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	228354	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	357926	20.00	ng		0.00
76) Chrysene-d12	14.06	240	199205	20.00	ng		0.04
87) Perylene-d12	15.53	264	281198	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	388070	48.90	ng		0.00
7) Phenol-d6	6.48	99	513576	51.29	ng		0.00
23) Nitrobenzene-d5	7.41	82	284058	33.82	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	89000	40.20	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	478854	39.28	ng		0.00
79) Terphenyl-d14	12.97	244	444989	47.07	ng		0.00
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.27	107	20546	2.336	ng	#	69
31) Naphthalene	8.16	128	244317	10.709	ng		99
32) Benzoic acid	7.92	122	10649	2.349	ng	#	20
37) 2-Methylnaphthalene	8.85	142	92254	6.140	ng		99
38) 1-Methylnaphthalene	8.95	142	91214	6.417	ng		100
46) 1,1'-Biphenyl	9.31	154	47191	2.927	ng		94
49) Acenaphthylene	9.76	152	886569	45.289	ng		99
50) Dimethylphthalate	9.60	163	112944	7.264	ng		99
52) Acenaphthene	9.93	154	198230	16.506	ng		99
55) Dibenzofuran	10.10	168	361297	20.687	ng		97
58) Fluorene	10.45	166	338362	25.181	ng		99
71) Phenanthrene	11.43	178	4382139	239.488	ng		97
72) Anthracene	11.47	178	1655392	89.392	ng		98
73) Carbazole	11.62	167	685123	40.779	ng		99
75) Fluoranthene	12.64	202	7286966	380.399	ng		96
78) Pyrene	12.87	202	6468640	430.773	ng		96
81) Benzo(a)anthracene	14.05	228	4477277	351.642	ng		93
83) Chrysene	14.09	228	3768552m	304.868	ng		
84) Bis(2-ethylhexyl)phthalate	14.01	149	103263	12.510	ng		100
86) Indeno(1,2,3-cd)pyrene	17.05	276	2201672	212.063	ng		98
88) Benzo(b)fluoranthene	15.12	252	4845173m	297.996	ng		
89) Benzo(k)fluoranthene	15.14	252	1351034m	85.311	ng		
90) Benzo(a)pyrene	15.49	252	3334114m	229.393	ng		
91) Dibenzo(a,h)anthracene	17.03	278	556769m	44.254	ng		
92) Benzo(g,h,i)perylene	17.50	276	2031970	164.454	ng		99

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

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