Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118777.D
Acq On : 31 Jan 2020 13:06
Operator : CG/JU
Sample : L1319-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-A

Manual Integrations APPROVED
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2/3/2020 4:10:18 PM

Quant Time: Jan 31 22:28:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	303028	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1153631	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	635693	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1129082	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	582426	20.00	ng	-0.04
87) Perylene-d12	15.44	264	667703	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1630120	99.91	ng	-0.03
7) Phenol-d6	6.46	99	2042084	96.30	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1357960	65.84	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	736697	100.20	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2551974	65.98	ng	-0.04
79) Terphenyl-d14	12.93	244	2501868	93.69	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.13	128	152406	2.925	ng	99
37) 2-Methylnaphthalene	8.82	142	99713	2.711	ng	98
38) 1-Methylnaphthalene	8.92	142	126518	3.620	ng	98
50) Dimethylphthalate	9.57	163	123279	2.977	ng	100
52) Acenaphthene	9.90	154	285092	8.207	ng	99
55) Dibenzofuran	10.07	168	226549	4.706	ng	93
58) Fluorene	10.41	166	333413	8.822	ng	98
71) Phenanthrene	11.38	178	3824895	70.218	ng	97
72) Anthracene	11.43	178	897122	16.644	ng	98
73) Carbazole	11.57	167	240131	4.857	ng	98
75) Fluoranthene	12.57	202	3445795	59.977	ng	99
78) Pyrene	12.80	202	3327949	84.163	ng	98
81) Benzo(a)anthracene	13.98	228	1325006	37.818	ng	99
83) Chrysene	14.02	228	1328632	39.568	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	759945	26.047	ng	96
88) Benzo(b)fluoranthene	15.02	252	1425165m	33.957	ng	
89) Benzo(k)fluoranthene	15.04	252	390863m	10.052	ng	
90) Benzo(a)pyrene	15.38	252	1051610	29.046	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	204737	6.393	ng	96
92) Benzo(g,h,i)perylene	17.33	276	729887	23.473	ng	99

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

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