Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134467.D
Acq On : 25 Jul 2023 17:33
Operator : CG\JU
Sample : 03580-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 18:38:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	64474	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	230193	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	96880	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	154521	20.000	ng	0.00
76) Chrysene-d12	14.045	240	106235	20.000	ng	0.01
86) Perylene-d12	15.551	264	93599	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	203832	52.233	ng	0.00
7) Phenol-d6	6.475	99	212217	44.386	ng	0.00
23) Nitrobenzene-d5	7.392	82	76844	16.890	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	27870	20.247	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	149303	20.232	ng	0.00
79) Terphenyl-d14	12.963	244	131160	21.552	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.133	128	179085	15.632	ng	99
37) 2-Methylnaphthalene	8.828	142	214732	26.976	ng	100
38) 1-Methylnaphthalene	8.928	142	191304	25.906	ng	97
46) 1,1'-Biphenyl	9.286	154	41354	5.179	ng	97
49) Acenaphthylene	9.733	152	144396	14.520	ng	98
52) Acenaphthene	9.904	154	106044	18.051	ng	96
58) Fluorene	10.422	166	361133	49.509	ng	99
71) Phenanthrene	11.404	178	2392265	296.312	ng	99
72) Anthracene	11.451	178	543747	65.254	ng	100
73) Carbazole	11.604	167	26900	3.428	ng	# 91
75) Fluoranthene	12.610	202	2888601	306.998	ng	97
78) Pyrene	12.851	202	3790245	448.709	ng	95
81) Benzo(a)anthracene	14.033	228	1676193	226.151	ng	96
83) Chrysene	14.074	228	1414638	199.546	ng	96
87) Indeno(1,2,3-cd)pyrene	17.109	276	476037	77.849	ng	97
88) Benzo(b)fluoranthene	15.115	252	1238406m	211.491	ng	
89) Benzo(k)fluoranthene	15.133	252	395621m	68.701	ng	
90) Benzo(a)pyrene	15.498	252	999932	184.746	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	155550	31.499	ng	96
92) Benzo(g,h,i)perylene	17.586	276	513693	101.308	ng	99

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

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