Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134971.D
Acq On : 28 Aug 2023 16:32
Operator : CG\JU
Sample : 04147-04DL 100X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(21.5-23)DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:49:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 02:45:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	94242	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	376667	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	179669	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	299143	20.000	ng	0.00
76) Chrysene-d12	13.974	240	215297	20.000	ng	0.00
86) Perylene-d12	15.451	264	173079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	4663	0.789	ng	-0.01
7) Phenol-d6	6.422	99	6388	0.846	ng	-0.02
23) Nitrobenzene-d5	7.351	82	3961	0.579	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	1708	0.807	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	8214	0.707	ng	-0.01
79) Terphenyl-d14	12.910	244	7858	0.502	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.098	128	2036062	108.255	ng	99
37) 2-Methylnaphthalene	8.780	142	208898	16.655	ng	99
38) 1-Methylnaphthalene	8.880	142	168469	14.364	ng	99
46) 1,1'-Biphenyl	9.245	154	99649	7.025	ng	99
49) Acenaphthylene	9.686	152	366021	22.437	ng	100
52) Acenaphthene	9.857	154	67514	6.569	ng	98
55) Dibenzofuran	10.033	168	253605	16.949	ng	99
58) Fluorene	10.374	166	198881	17.525	ng	98
71) Phenanthrene	11.351	178	1151731	73.473	ng	99
72) Anthracene	11.398	178	657258	40.922	ng	99
73) Carbazole	11.551	167	88901	6.717	ng	97
75) Fluoranthene	12.545	202	854424	57.526	ng	97
78) Pyrene	12.774	202	743499	32.571	ng	99
81) Benzo(a)anthracene	13.968	228	265602m	18.081	ng	
83) Chrysene	14.004	228	361967	24.975	ng	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	79731	6.445	ng	97
88) Benzo(b)fluoranthene	15.021	252	223799m	22.918	ng	
89) Benzo(k)fluoranthene	15.045	252	59658m	6.221	ng	
90) Benzo(a)pyrene	15.386	252	162043	16.623	ng	99
92) Benzo(g,h,i)perylene	17.392	276	77368	7.550	ng	96

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

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