Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142623.D
Acq On : 04 Jun 2025 23:15
Operator : RC/JU
Sample : Q2178-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2929

Quant Time: Jun 05 10:44:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	106406	20.000	ng	-0.01
21) Naphthalene-d8	8.180	136	340192	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	144684	20.000	ng	-0.01
64) Phenanthrene-d10	11.439	188	235566	20.000	ng	0.00
76) Chrysene-d12	14.104	240	174725	20.000	ng	0.03
86) Perylene-d12	15.592	264	176476	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	34258	5.424	ng	-0.01
7) Phenol-d6	6.516	99	43690	5.747	ng	-0.02
23) Nitrobenzene-d5	7.451	82	23218	3.722	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	5385	3.353	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	51765	4.801	ng	-0.02
79) Terphenyl-d14	13.015	244	68096	5.326	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	19788	2.313	ng	99
20) 3+4-Methylphenols	7.298	107	16607	2.415	ng	# 62
31) Naphthalene	8.210	128	3589309	214.276	ng	98
37) 2-Methylnaphthalene	8.892	142	677080	64.249	ng	100
38) 1-Methylnaphthalene	8.992	142	371869	34.115	ng	100
46) 1,1'-Biphenyl	9.351	154	235627	20.992	ng	99
49) Acenaphthylene	9.798	152	53167	3.797	ng	# 92
52) Acenaphthene	9.974	154	1498064	175.189	ng	100
55) Dibenzofuran	10.145	168	1396707	113.505	ng	99
58) Fluorene	10.486	166	1170125	123.088	ng	99
71) Phenanthrene	11.480	178	8110539	644.251	ng	95
72) Anthracene	11.527	178	3132343	243.797	ng	96
73) Carbazole	11.669	167	1956939	178.165	ng	99
75) Fluoranthene	12.680	202	9530615	810.202	ng	95
78) Pyrene	12.915	202	8501052m	521.558	ng	
81) Benzo(a)anthracene	14.086	228	5710961	489.483	ng	# 90
83) Chrysene	14.133	228	3840266	366.305	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.139	276	1996211	150.672	ng	97
88) Benzo(b)fluoranthene	15.168	252	4594630m	439.902	ng	
89) Benzo(k)fluoranthene	15.180	252	1600892m	163.647	ng	
90) Benzo(a)pyrene	15.551	252	3230382	328.119	ng	95
91) Dibenzo(a,h)anthracene	17.139	278	550703	51.250	ng	93
92) Benzo(g,h,i)perylene	17.603	276	1895530	176.367	ng	98

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

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