Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142560.D
Acq On : 27 May 2025 14:26
Operator : RC/JU
Sample : Q2109-01DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-02-MHFDL

Quant Time: May 27 15:11:02 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	6.898	152	92452	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	354098	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	185359	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	277492	20.000	ng	0.00
76) Chrysene-d12	14.068	240	220989	20.000	ng	0.00
86) Perylene-d12	15.563	264	208742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	196989	35.897	ng	-0.01
7) Phenol-d6	6.516	99	260711	39.468	ng	-0.02
23) Nitrobenzene-d5	7.451	82	135916	20.930	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	70221	34.133	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	329171	23.830	ng	-0.02
79) Terphenyl-d14	13.010	244	289027	17.873	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.198	128	48750	2.796	ng	98
37) 2-Methylnaphthalene	8.892	142	26690	2.433	ng	100
38) 1-Methylnaphthalene	8.992	142	42312	3.729	ng	99
49) Acenaphthylene	9.798	152	38580	2.150	ng	98
52) Acenaphthene	9.969	154	58770	5.365	ng	99
55) Dibenzofuran	10.139	168	92153	5.846	ng	96
58) Fluorene	10.486	166	142338	11.687	ng	99
71) Phenanthrene	11.451	178	629306	42.436	ng	99
72) Anthracene	11.498	178	152774	10.094	ng	99
73) Carbazole	11.651	167	53247	4.115	ng	99
75) Fluoranthene	12.639	202	553955	39.977	ng	99
78) Pyrene	12.869	202	481964	23.379	ng	98
81) Benzo(a)anthracene	14.057	228	232454	15.753	ng	95
83) Chrysene	14.092	228	170682	12.872	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	52116	3.326	ng	96
88) Benzo(b)fluoranthene	15.121	252	226896m	18.366	ng	
89) Benzo(k)fluoranthene	15.139	252	74066m	6.401	ng	
90) Benzo(a)pyrene	15.498	252	149408	12.830	ng	99
92) Benzo(g,h,i)perylene	17.521	276	45848	3.606	ng	97

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

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