Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064610.D
Acq On : 28 Oct 2025 20:37
Operator : RC/JU
Sample : Q3451-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 05:54:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-12

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/29/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	41968	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	173020	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	139918	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	348691	20.000	ng	-0.01
76) Chrysene-d12	21.849	240	279745	20.000	ng	-0.01
86) Perylene-d12	25.192	264	320908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	208706	83.471	ng	0.00
7) Phenol-d6	7.348	99	283969	82.766	ng	0.00
23) Nitrobenzene-d5	9.381	82	170040	59.028	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	181582	89.917	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	458707	49.692	ng	0.00
79) Terphenyl-d14	20.168	244	826307	55.743	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.618	178	345695	18.129	ng	100
72) Anthracene	17.706	178	97177	5.010	ng	99
75) Fluoranthene	19.616	202	763677	31.969	ng	99
78) Pyrene	19.974	202	629417	34.437	ng	100
81) Benzo(a)anthracene	21.831	228	291015	15.689	ng	99
83) Chrysene	21.896	228	248103	14.057	ng	98
87) Indeno(1,2,3-cd)pyrene	29.005	276	188649	7.991	ng	100
88) Benzo(b)fluoranthene	24.134	252	359071	18.247	ng	98
89) Benzo(k)fluoranthene	24.193	252	126308m	6.414	ng	
90) Benzo(a)pyrene	25.033	252	273925	15.144	ng	98
91) Dibenzo(a,h)anthracene	29.058	278	43231m	2.254	ng	
92) Benzo(g,h,i)perylene	30.204	276	174816	9.542	ng	96

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

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