Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064439.D
Acq On : 23 Sep 2025 14:40
Operator : RC/JU
Sample : Q3155-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Time: Sep 23 15:22:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.837	152	22469	20.000	ng		-0.02
21) Naphthalene-d8	10.628	136	93751	20.000	ng		#-0.02
39) Acenaphthene-d10	14.464	164	66454	20.000	ng		-0.02
64) Phenanthrene-d10	17.202	188	149111	20.000	ng		#-0.02
76) Chrysene-d12	21.433	240	164886	20.000	ng		#-0.02
86) Perylene-d12	24.435	264	182770	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	111264	88.842	ng		-0.01
7) Phenol-d6	7.014	99	151372	87.978	ng		-0.02
23) Nitrobenzene-d5	8.988	82	105583	62.809	ng		-0.03
42) 2,4,6-Tribromophenol	15.951	330	99758	113.334	ng		-0.02
45) 2-Fluorobiphenyl	13.084	172	266880	61.298	ng		-0.03
79) Terphenyl-d14	19.823	244	503300	63.684	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	10.675	128	12133	2.496	ng	#	94
52) Acenaphthene	14.529	154	18169	4.786	ng		94
55) Dibenzofuran	14.864	168	22366	3.746	ng	#	94
58) Fluorene	15.510	166	21955	4.486	ng	#	90
71) Phenanthrene	17.249	178	449425	57.145	ng		99
72) Anthracene	17.337	178	82731	10.341	ng		97
73) Carbazole	17.602	167	42406	6.017	ng		97
75) Fluoranthene	19.259	202	682109	73.763	ng		97
78) Pyrene	19.623	202	546964	52.653	ng		99
81) Benzo(a)anthracene	21.415	228	337337	31.979	ng		100
83) Chrysene	21.480	228	296447	29.273	ng		97
84) Bis(2-ethylhexyl)phtha...	21.339	149	31666	5.383	ng	#	98
87) Indeno(1,2,3-cd)pyrene	27.807	276	209463	16.782	ng		98
88) Benzo(b)fluoranthene	23.495	252	418863	40.606	ng		98
89) Benzo(k)fluoranthene	23.542	252	148953m	14.174	ng		
90) Benzo(a)pyrene	24.294	252	292453m	30.478	ng		
91) Dibenzo(a,h)anthracene	27.843	278	50917	5.081	ng		97
92) Benzo(g,h,i)perylene	28.859	276	195241	20.021	ng	#	93

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

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