Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064150.D
Acq On : 2 Apr 2025 13:04
Operator : RC/JU
Sample : Q1654-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT3407DL

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

Quant Time: Apr 02 14:11:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	40051	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	173531	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	119730	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	241810	20.000	ng		0.00
76) Chrysene-d12	21.457	240	248715	20.000	ng		0.00
86) Perylene-d12	24.466	264	279366	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.447	112	59127	23.052	ng		0.00
7) Phenol-d6	7.021	99	81938	23.482	ng		0.00
23) Nitrobenzene-d5	9.007	82	52911	16.850	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	33223	24.963	ng		0.00
45) 2-Fluorobiphenyl	13.102	172	130605	16.557	ng		-0.01
79) Terphenyl-d14	19.842	244	216659	17.614	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.699	128	1316421	140.684	ng		99
37) 2-Methylnaphthalene	12.309	142	1063010	160.919	ng		97
38) 1-Methylnaphthalene	12.527	142	552474	85.366	ng		99
46) 1,1'-Biphenyl	13.320	154	367050	40.577	ng		98
49) Acenaphthylene	14.201	152	65424	6.270	ng	#	91
52) Acenaphthene	14.554	154	1512405	215.962	ng		98
55) Dibenzofuran	14.889	168	1709377	150.673	ng		97
58) Fluorene	15.541	166	1910761	216.245	ng		98
71) Phenanthrene	17.292	178	5849913m	453.565	ng		
72) Anthracene	17.362	178	1061880	82.798	ng		98
73) Carbazole	17.621	167	333611	27.861	ng		100
75) Fluoranthene	19.289	202	4263091	274.171	ng		95
78) Pyrene	19.648	202	3027365	188.825	ng		95
81) Benzo(a)anthracene	21.440	228	966292	60.651	ng		100
83) Chrysene	21.498	228	868426	54.652	ng		97
87) Indeno(1,2,3-cd)pyrene	27.838	276	102692	5.494	ng		95
88) Benzo(b)fluoranthene	23.520	252	520370	30.812	ng		99
89) Benzo(k)fluoranthene	23.573	252	198916m	11.740	ng		
90) Benzo(a)pyrene	24.325	252	283294	18.835	ng		97
91) Dibenzo(a,h)anthracene	27.897	278	32615	2.105	ng		97
92) Benzo(g,h,i)perylene	28.902	276	87278	5.486	ng		94

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

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