Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142181.D
Acq On : 31 Mar 2025 15:28
Operator : RC/JU
Sample : Q1654-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 16:04:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT3407DL

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	109309	20.000	ng		-0.02
21) Naphthalene-d8	8.151	136	372579	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	204141	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	249442	20.000	ng		0.00
76) Chrysene-d12	14.039	240	264385	20.000	ng		0.00
86) Perylene-d12	15.510	264	329452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	147966	22.592	ng		-0.02
7) Phenol-d6	6.481	99	188616	22.619	ng		-0.02
23) Nitrobenzene-d5	7.422	82	117098	17.687	ng		-0.02
42) 2,4,6-Tribromophenol	10.692	330	41720	16.109	ng		-0.01
45) 2-Fluorobiphenyl	9.222	172	237777	17.714	ng		-0.02
79) Terphenyl-d14	12.975	244	204038	11.410	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.175	128	2493124	130.266	ng		99
37) 2-Methylnaphthalene	8.863	142	1817482	142.073	ng		100
38) 1-Methylnaphthalene	8.963	142	943424	76.424	ng		100
46) 1,1'-Biphenyl	9.322	154	645384	41.608	ng		100
49) Acenaphthylene	9.763	152	111640	6.507	ng	#	93
52) Acenaphthene	9.945	154	2169967	179.982	ng		99
55) Dibenzofuran	10.116	168	2314411	134.345	ng		99
58) Fluorene	10.463	166	2608058	196.312	ng		100
71) Phenanthrene	11.433	178	6777463	503.034	ng		96
72) Anthracene	11.475	178	1100814	81.439	ng		99
73) Carbazole	11.622	167	329283	28.247	ng		99
75) Fluoranthene	12.622	202	4569087	319.698	ng		97
78) Pyrene	12.845	202	3052379m	133.469	ng		
81) Benzo(a)anthracene	14.027	228	1106381	63.772	ng		98
83) Chrysene	14.063	228	806822	51.304	ng		97
87) Indeno(1,2,3-cd)pyrene	16.992	276	122812m	5.763	ng		
88) Benzo(b)fluoranthene	15.080	252	645945m	28.608	ng		
89) Benzo(k)fluoranthene	15.098	252	166668m	8.626	ng		
90) Benzo(a)pyrene	15.445	252	333297	18.865	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	37697	2.144	ng		94
92) Benzo(g,h,i)perylene	17.439	276	89231	5.135	ng		98

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

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