Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037809.D
Acq On : 19 Sep 2025 11:50
Operator : RC/JU
Sample : Q3127-14MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 19 12:26:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	5852	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15625	0.400	ng	#-0.01
13) Acenaphthene-d10	14.483	164	7051	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	12911	0.400	ng	-0.01
29) Chrysene-d12	21.411	240	12021	0.400	ng	0.00
35) Perylene-d12	23.741	264	11515	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	1931	0.144	ng	0.00
5) Phenol-d6	6.980	99	1477	0.085	ng	0.00
8) Nitrobenzene-d5	8.982	82	4025	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6475m	0.313	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	835	0.454	ng	-0.01
15) 2-Fluorobiphenyl	13.104	172	10370	0.352	ng	-0.01
27) Fluoranthene-d10	19.261	212	12452	0.384	ng	0.00
31) Terphenyl-d14	19.861	244	9852	0.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	2519	0.413	ng	# 88
3) n-Nitrosodimethylamine	3.607	42	1030	0.129	ng	# 86
6) bis(2-Chloroethyl)ether	7.247	93	5324	0.342	ng	100
9) Naphthalene	10.679	128	14111	0.330	ng	100
10) Hexachlorobutadiene	10.989	225	2383	0.308	ng	# 100
12) 2-Methylnaphthalene	12.303	142	7893	0.299	ng	100
16) Acenaphthylene	14.195	152	11822	0.366	ng	99
17) Acenaphthene	14.548	154	7550	0.345	ng	99
18) Fluorene	15.522	166	10236	0.387	ng	100
20) 4,6-Dinitro-2-methylph...	15.597	198	478	0.400	ng	94
21) 4-Bromophenyl-phenylether	16.428	248	2963	0.352	ng	99
22) Hexachlorobenzene	16.540	284	3549	0.366	ng	98
23) Atrazine	16.689	200	2033	0.380	ng	95
24) Pentachlorophenol	16.875	266	2175	0.774	ng	96
25) Phenanthrene	17.272	178	15526	0.382	ng	100
26) Anthracene	17.359	178	13174	0.366	ng	99
28) Fluoranthene	19.289	202	17140	0.384	ng	# 95
30) Pyrene	19.652	202	17451	0.371	ng	99
32) Benzo(a)anthracene	21.393	228	16723	0.399	ng	100
33) Chrysene	21.447	228	17844	0.397	ng	99
34) Bis(2-ethylhexyl)phtha...	21.330	149	6260	0.504	ng	97
36) Indeno(1,2,3-cd)pyrene	26.121	276	18885	0.390	ng	99
37) Benzo(b)fluoranthene	23.037	252	18300	0.404	ng	97
38) Benzo(k)fluoranthene	23.080	252	18144	0.392	ng	98
39) Benzo(a)pyrene	23.636	252	14555	0.401	ng	98
40) Dibenzo(a,h)anthracene	26.141	278	15061	0.390	ng	98
41) Benzo(g,h,i)perylene	26.846	276	14961	0.345	ng	97

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

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