Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037810.D
Acq On : 19 Sep 2025 12:27
Operator : RC/JU
Sample : Q3127-15MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT119S1-20250916MSD

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

Quant Time: Sep 19 13:03:39 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5675	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15407	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6857	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	11592	0.400	ng	-0.01
29) Chrysene-d12	21.411	240	10004	0.400	ng	0.00
35) Perylene-d12	23.741	264	9737	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	1897	0.146	ng	0.00
5) Phenol-d6	6.980	99	1434	0.085	ng	0.00
8) Nitrobenzene-d5	8.982	82	3901	0.346	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6304m	0.309	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	782	0.437	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	10028	0.350	ng	-0.01
27) Fluoranthene-d10	19.262	212	10760	0.370	ng	0.00
31) Terphenyl-d14	19.861	244	8455	0.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	2066	0.350	ng	# 93
3) n-Nitrosodimethylamine	3.600	42	1165	0.151	ng	# 74
6) bis(2-Chloroethyl)ether	7.248	93	5222	0.346	ng	100
9) Naphthalene	10.680	128	13821	0.328	ng	100
10) Hexachlorobutadiene	10.989	225	2343	0.308	ng	# 99
12) 2-Methylnaphthalene	12.303	142	7743	0.297	ng	98
16) Acenaphthylene	14.195	152	11528	0.367	ng	99
17) Acenaphthene	14.548	154	7272	0.342	ng	99
18) Fluorene	15.535	166	8661	0.336	ng	99
20) 4,6-Dinitro-2-methylph...	15.597	198	404	0.376	ng	92
21) 4-Bromophenyl-phenylether	16.429	248	2790	0.369	ng	98
22) Hexachlorobenzene	16.540	284	3269	0.376	ng	99
23) Atrazine	16.689	200	1858	0.386	ng	96
24) Pentachlorophenol	16.875	266	1907	0.755	ng	96
25) Phenanthrene	17.273	178	14009	0.384	ng	100
26) Anthracene	17.359	178	11991	0.371	ng	99
28) Fluoranthene	19.290	202	14730	0.368	ng	# 95
30) Pyrene	19.652	202	14951	0.382	ng	100
32) Benzo(a)anthracene	21.393	228	13905	0.399	ng	99
33) Chrysene	21.447	228	14913	0.399	ng	99
34) Bis(2-ethylhexyl)phtha...	21.331	149	5161	0.499	ng	98
36) Indeno(1,2,3-cd)pyrene	26.121	276	16404	0.401	ng	99
37) Benzo(b)fluoranthene	23.037	252	15470	0.403	ng	# 96
38) Benzo(k)fluoranthene	23.084	252	15665	0.401	ng	96
39) Benzo(a)pyrene	23.636	252	12334	0.402	ng	# 96
40) Dibenzo(a,h)anthracene	26.142	278	13012	0.398	ng	99
41) Benzo(g,h,i)perylene	26.849	276	12751	0.348	ng	99

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

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Instrument :
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