Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038234.D
Acq On : 01 Dec 2025 20:17
Operator : RC/JU
Sample : Q3618-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 50

Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 02 01:17:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	426687	20.000	ng	0.00
7) Naphthalene-d8	10.562	136	1290189	20.000	ng	#-0.01
13) Acenaphthene-d10	14.430	164	668507	20.000	ng	0.00
19) Phenanthrene-d10	17.173	188	987075	20.000	ng	#-0.01
29) Chrysene-d12	21.366	240	638484	20.000	ng	# 0.00
35) Perylene-d12	23.674	264	707894	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	6973	0.350	ng	0.00
5) Phenol-d6	6.930	99	8594	0.345	ng	0.00
8) Nitrobenzene-d5	8.918	82	7038	0.341	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	12082	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1347	0.320	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	18882	0.366	ng	-0.01
27) Fluoranthene-d10	19.211	212	13298	0.311	ng	0.00
31) Terphenyl-d14	19.810	244	10006	0.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	3078	0.342	ng	# 75
3) n-Nitrosodimethylamine	3.557	42	4434	0.400	ng	# 90
6) bis(2-Chloroethyl)ether	7.183	93	9118	0.382	ng	97
9) Naphthalene	10.616	128	26113	0.364	ng	100
10) Hexachlorobutadiene	10.915	225	4464	0.366	ng	# 99
12) 2-Methylnaphthalene	12.238	142	14795	0.314	ng	99
16) Acenaphthylene	14.142	152	20534	0.343	ng	100
17) Acenaphthene	14.484	154	14433	0.346	ng	98
18) Fluorene	15.478	166	17084	0.317	ng	99
20) 4,6-Dinitro-2-methylph...	15.560	198	852	9.022	ng	# 29
21) 4-Bromophenyl-phenylether	16.367	248	4911	0.359	ng	# 78
22) Hexachlorobenzene	16.491	284	5677	0.338	ng	99
23) Atrazine	16.640	200	2999	0.343	ng	# 93
24) Pentachlorophenol	16.838	266	2369	0.514	ng	99
25) Phenanthrene	17.223	178	23430m	0.378	ng	
26) Anthracene	17.310	178	18316	0.346	ng	100
28) Fluoranthene	19.243	202	20474	0.343	ng	99
30) Pyrene	19.606	202	20859	0.327	ng	100
32) Benzo(a)anthracene	21.349	228	19800	0.458	ng	99
33) Chrysene	21.402	228	18476	0.362	ng	99
34) Bis(2-ethylhexyl)phtha...	21.286	149	11351	0.479	ng	99
36) Indeno(1,2,3-cd)pyrene	26.019	276	24968	0.381	ng	99
37) Benzo(b)fluoranthene	22.973	252	20010	0.344	ng	99
38) Benzo(k)fluoranthene	23.019	252	19631	0.325	ng	96
39) Benzo(a)pyrene	23.569	252	17215	0.353	ng	96
40) Dibenzo(a,h)anthracene	26.037	278	19064	0.384	ng	97
41) Benzo(g,h,i)perylene	26.738	276	21099	0.356	ng	99

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

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