Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038336.D
Acq On : 12 Dec 2025 03:37
Operator : RC/JU
Sample : Q3788-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Quant Time: Dec 12 04:18:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	5563	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	14775	0.400	ng		#-0.01
13) Acenaphthene-d10	14.387	164	7579	0.400	ng		-0.01
19) Phenanthrene-d10	17.148	188	13283	0.400	ng		0.00
29) Chrysene-d12	21.339	240	10457	0.400	ng		0.00
35) Perylene-d12	23.630	264	10825	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1745	0.126	ng		0.00
5) Phenol-d6	6.886	99	1266	0.077	ng		0.00
8) Nitrobenzene-d5	8.875	82	3819	0.306	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	5405m	0.259	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	1063	0.316	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	11217	0.307	ng		0.00
27) Fluoranthene-d10	19.183	212	11358	0.346	ng		0.00
31) Terphenyl-d14	19.787	244	8928	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	180404	28.283	ng		99
3) n-Nitrosodimethylamine	3.506	42	1371	0.171	ng	#	85
6) bis(2-Chloroethyl)ether	7.139	93	4673	0.290	ng		100
9) Naphthalene	10.573	128	12265	0.281	ng		99
10) Hexachlorobutadiene	10.872	225	1640	0.211	ng	#	100
12) 2-Methylnaphthalene	12.197	142	7060	0.255	ng		99
16) Acenaphthylene	14.109	152	11781	0.317	ng		99
17) Acenaphthene	14.452	154	7145	0.276	ng		97
18) Fluorene	15.446	166	9986	0.299	ng		98
20) 4,6-Dinitro-2-methylph...	15.522	198	288	0.132	ng	#	1
21) 4-Bromophenyl-phenylether	16.342	248	3033	0.308	ng		99
22) Hexachlorobenzene	16.453	284	3347	0.283	ng		99
23) Atrazine	16.615	200	2379	0.354	ng		98
24) Pentachlorophenol	16.801	266	1026	0.222	ng		100
25) Phenanthrene	17.186	178	14851	0.321	ng		99
26) Anthracene	17.273	178	13279	0.333	ng		100
28) Fluoranthene	19.215	202	15808	0.322	ng		98
30) Pyrene	19.578	202	16321	0.317	ng		99
32) Benzo(a)anthracene	21.322	228	13927	0.345	ng		99
33) Chrysene	21.375	228	14906	0.335	ng		99
34) Bis(2-ethylhexyl)phtha...	21.268	149	7739	0.349	ng		99
36) Indeno(1,2,3-cd)pyrene	25.955	276	18655	0.325	ng		99
37) Benzo(b)fluoranthene	22.937	252	15326	0.308	ng		97
38) Benzo(k)fluoranthene	22.984	252	16149	0.326	ng		97
39) Benzo(a)pyrene	23.528	252	13609	0.334	ng		98
40) Dibenzo(a,h)anthracene	25.972	278	14664	0.331	ng		98
41) Benzo(g,h,i)perylene	26.665	276	16053	0.324	ng		100

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

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