Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038305.D
Acq On : 10 Dec 2025 14:06
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN121025

Quant Time: Dec 10 14:34:41 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	5494	0.400	ng		0.00
7) Naphthalene-d8	10.530	136	14732	0.400	ng		0.00
13) Acenaphthene-d10	14.398	164	7414	0.400	ng		0.00
19) Phenanthrene-d10	17.149	188	13558	0.400	ng	#	0.00
29) Chrysene-d12	21.340	240	10339	0.400	ng		0.00
35) Perylene-d12	23.636	264	9862	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	5169	0.378	ng		0.00
5) Phenol-d6	6.887	99	5881	0.362	ng		0.00
8) Nitrobenzene-d5	8.875	82	4810	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	8240	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	1106	0.336	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	13334	0.373	ng		0.00
27) Fluoranthene-d10	19.187	212	13145	0.392	ng		0.00
31) Terphenyl-d14	19.791	244	9107	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2785	0.442	ng		98
3) n-Nitrosodimethylamine	3.507	42	3219	0.408	ng	#	98
6) bis(2-Chloroethyl)ether	7.147	93	6576	0.413	ng		99
9) Naphthalene	10.573	128	17206	0.395	ng		100
10) Hexachlorobutadiene	10.872	225	3156	0.408	ng	#	99
12) 2-Methylnaphthalene	12.202	142	10135	0.367	ng		99
16) Acenaphthylene	14.110	152	15840	0.435	ng		99
17) Acenaphthene	14.462	154	10069	0.397	ng		98
18) Fluorene	15.446	166	12748	0.391	ng		99
20) 4,6-Dinitro-2-methylph...	15.523	198	733	0.329	ng	#	78
21) 4-Bromophenyl-phenylether	16.342	248	3847	0.382	ng	#	90
22) Hexachlorobenzene	16.466	284	4774	0.395	ng		99
23) Atrazine	16.615	200	2571	0.375	ng		96
24) Pentachlorophenol	16.801	266	1394	0.295	ng		98
25) Phenanthrene	17.186	178	18314	0.388	ng		100
26) Anthracene	17.285	178	16082	0.395	ng		99
28) Fluoranthene	19.220	202	18786	0.375	ng		100
30) Pyrene	19.582	202	19552	0.384	ng		100
32) Benzo(a)anthracene	21.331	228	15962	0.400	ng		98
33) Chrysene	21.375	228	17443	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.268	149	8119	0.371	ng		99
36) Indeno(1,2,3-cd)pyrene	25.966	276	19287	0.369	ng		99
37) Benzo(b)fluoranthene	22.943	252	17623	0.389	ng		98
38) Benzo(k)fluoranthene	22.990	252	17707	0.392	ng		98
39) Benzo(a)pyrene	23.534	252	15048	0.406	ng		98
40) Dibenzo(a,h)anthracene	25.987	278	15615	0.387	ng		98
41) Benzo(g,h,i)perylene	26.671	276	16981	0.377	ng		99

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

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