Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038302.D
Acq On : 10 Dec 2025 12:17
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 10 14:00:15 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	6263	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	16493	0.400	ng		#-0.01
13) Acenaphthene-d10	14.388	164	8387	0.400	ng		-0.01
19) Phenanthrene-d10	17.149	188	14601	0.400	ng		0.00
29) Chrysene-d12	21.340	240	11383	0.400	ng		0.00
35) Perylene-d12	23.630	264	10679	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	24513	1.572	ng		0.00
5) Phenol-d6	6.887	99	29702	1.602	ng		0.00
8) Nitrobenzene-d5	8.875	82	22047	1.585	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	36899	1.586	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	5860	1.575	ng		0.00
15) 2-Fluorobiphenyl	13.009	172	62872	1.556	ng		0.00
27) Fluoranthene-d10	19.183	212	57448	1.591	ng		0.00
31) Terphenyl-d14	19.787	244	39298	1.547	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	11066	1.541	ng		99
3) n-Nitrosodimethylamine	3.499	42	14375	1.597	ng	#	98
6) bis(2-Chloroethyl)ether	7.147	93	28668	1.580	ng		99
9) Naphthalene	10.573	128	76464	1.568	ng		99
10) Hexachlorobutadiene	10.872	225	13520	1.560	ng	#	100
12) 2-Methylnaphthalene	12.197	142	49274	1.592	ng		99
16) Acenaphthylene	14.110	152	64734	1.572	ng		100
17) Acenaphthene	14.452	154	45547	1.587	ng		98
18) Fluorene	15.446	166	57951	1.570	ng		99
20) 4,6-Dinitro-2-methylph...	15.523	198	4052	1.687	ng	#	51
21) 4-Bromophenyl-phenylether	16.342	248	17091	1.578	ng		99
22) Hexachlorobenzene	16.454	284	20250	1.555	ng		100
23) Atrazine	16.615	200	11669	1.579	ng		98
24) Pentachlorophenol	16.801	266	7830	1.541	ng		99
25) Phenanthrene	17.186	178	79019	1.555	ng		100
26) Anthracene	17.273	178	69628	1.589	ng		100
28) Fluoranthene	19.211	202	86039	1.593	ng		99
30) Pyrene	19.578	202	86035	1.535	ng		100
32) Benzo(a)anthracene	21.322	228	68895	1.567	ng		98
33) Chrysene	21.375	228	76200	1.574	ng		99
34) Bis(2-ethylhexyl)phtha...	21.268	149	34320	1.423	ng		99
36) Indeno(1,2,3-cd)pyrene	25.955	276	90364	1.595	ng		100
37) Benzo(b)fluoranthene	22.940	252	78044	1.591	ng	#	90
38) Benzo(k)fluoranthene	22.984	252	77879	1.593	ng	#	90
39) Benzo(a)pyrene	23.531	252	63182	1.574	ng	#	85
40) Dibenzo(a,h)anthracene	25.975	278	70529	1.614	ng		96
41) Benzo(g,h,i)perylene	26.665	276	77643	1.590	ng		97

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

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