Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038299.D
Acq On : 10 Dec 2025 10:28
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Dec 10 13:59:20 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	5832	0.400	ng		0.00
7) Naphthalene-d8	10.530	136	15274	0.400	ng		0.00
13) Acenaphthene-d10	14.388	164	7698	0.400	ng		-0.01
19) Phenanthrene-d10	17.149	188	13779	0.400	ng		0.00
29) Chrysene-d12	21.340	240	10001	0.400	ng		0.00
35) Perylene-d12	23.636	264	9929	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	3015	0.208	ng		0.00
5) Phenol-d6	6.887	99	3373	0.195	ng		0.00
8) Nitrobenzene-d5	8.875	82	2478	0.192	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	4184	0.194	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	624	0.183	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	7511	0.203	ng		0.00
27) Fluoranthene-d10	19.183	212	6525	0.191	ng		0.00
31) Terphenyl-d14	19.787	244	4585	0.205	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1475	0.221	ng		97
3) n-Nitrosodimethylamine	3.514	42	1649	0.197	ng	#	97
6) bis(2-Chloroethyl)ether	7.147	93	3414	0.202	ng		99
9) Naphthalene	10.573	128	9052	0.200	ng		98
10) Hexachlorobutadiene	10.872	225	1628	0.203	ng	#	100
12) 2-Methylnaphthalene	12.202	142	5611	0.196	ng		99
16) Acenaphthylene	14.110	152	7256	0.192	ng		99
17) Acenaphthene	14.452	154	5115	0.194	ng		98
18) Fluorene	15.446	166	6474	0.191	ng		100
20) 4,6-Dinitro-2-methylph...	15.523	198	373	0.165	ng	#	43
21) 4-Bromophenyl-phenylether	16.342	248	2003	0.196	ng		98
22) Hexachlorobenzene	16.453	284	2521	0.205	ng		99
23) Atrazine	16.615	200	1351	0.194	ng		99
24) Pentachlorophenol	16.801	266	853	0.178	ng		98
25) Phenanthrene	17.186	178	9460	0.197	ng		100
26) Anthracene	17.273	178	7793	0.188	ng		100
28) Fluoranthene	19.215	202	9737	0.191	ng		99
30) Pyrene	19.578	202	9841	0.200	ng		100
32) Benzo(a)anthracene	21.331	228	7688	0.199	ng		97
33) Chrysene	21.375	228	8559	0.201	ng		99
34) Bis(2-ethylhexyl)phtha...	21.268	149	5010	0.236	ng		98
36) Indeno(1,2,3-cd)pyrene	25.963	276	10127	0.192	ng		98
37) Benzo(b)fluoranthene	22.943	252	9091	0.199	ng	#	84
38) Benzo(k)fluoranthene	22.987	252	8902	0.196	ng	#	84
39) Benzo(a)pyrene	23.534	252	7243	0.194	ng	#	80
40) Dibenzo(a,h)anthracene	25.981	278	7551	0.186	ng	#	93
41) Benzo(g,h,i)perylene	26.668	276	9018	0.199	ng		97

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

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