Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038300.D
Acq On : 10 Dec 2025 11:05
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 10 13:59:39 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	6216	0.400	ng		0.00
7) Naphthalene-d8	10.530	136	16402	0.400	ng		0.00
13) Acenaphthene-d10	14.388	164	8187	0.400	ng		-0.01
19) Phenanthrene-d10	17.149	188	14825	0.400	ng		0.00
29) Chrysene-d12	21.340	240	11516	0.400	ng		0.00
35) Perylene-d12	23.633	264	11519	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	6141	0.397	ng		0.00
5) Phenol-d6	6.887	99	7155	0.389	ng		0.00
8) Nitrobenzene-d5	8.875	82	5397	0.390	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	9006	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	1371	0.377	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	15778	0.400	ng		0.00
27) Fluoranthene-d10	19.183	212	14593	0.398	ng		0.00
31) Terphenyl-d14	19.787	244	10141	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2892	0.406	ng		100
3) n-Nitrosodimethylamine	3.507	42	3533	0.395	ng		100
6) bis(2-Chloroethyl)ether	7.147	93	7250	0.403	ng		100
9) Naphthalene	10.573	128	19154	0.395	ng		100
10) Hexachlorobutadiene	10.872	225	3444	0.400	ng	#	100
12) 2-Methylnaphthalene	12.197	142	11982	0.389	ng		100
16) Acenaphthylene	14.110	152	15581	0.388	ng		100
17) Acenaphthene	14.452	154	10983	0.392	ng		100
18) Fluorene	15.446	166	13979	0.388	ng		100
20) 4,6-Dinitro-2-methylph...	15.523	198	840	0.344	ng		100
21) 4-Bromophenyl-phenylether	16.342	248	4253	0.387	ng		100
22) Hexachlorobenzene	16.453	284	5190	0.393	ng		100
23) Atrazine	16.615	200	2824	0.376	ng		100
24) Pentachlorophenol	16.801	266	1789	0.347	ng		100
25) Phenanthrene	17.186	178	20202	0.392	ng		100
26) Anthracene	17.273	178	16986	0.382	ng		100
28) Fluoranthene	19.215	202	21635	0.394	ng		100
30) Pyrene	19.578	202	22115	0.390	ng		100
32) Benzo(a)anthracene	21.322	228	17031	0.383	ng		100
33) Chrysene	21.375	228	19820	0.405	ng		100
34) Bis(2-ethylhexyl)phtha...	21.268	149	9726	0.399	ng		100
36) Indeno(1,2,3-cd)pyrene	25.958	276	24439	0.400	ng		100
37) Benzo(b)fluoranthene	22.940	252	20540	0.388	ng		100
38) Benzo(k)fluoranthene	22.984	252	20691	0.392	ng		100
39) Benzo(a)pyrene	23.534	252	16923	0.391	ng		100
40) Dibenzo(a,h)anthracene	25.975	278	18646	0.396	ng		100
41) Benzo(g,h,i)perylene	26.668	276	20868	0.396	ng		100

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

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