Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038303.D
Acq On : 10 Dec 2025 12:53
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 10 14:00:33 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	6243	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	16175	0.400	ng		#-0.01
13) Acenaphthene-d10	14.388	164	8192	0.400	ng		-0.01
19) Phenanthrene-d10	17.148	188	14208	0.400	ng		0.00
29) Chrysene-d12	21.340	240	11022	0.400	ng		0.00
35) Perylene-d12	23.633	264	9816	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	50921	3.275	ng		0.00
5) Phenol-d6	6.887	99	63079	3.413	ng		0.00
8) Nitrobenzene-d5	8.875	82	46345	3.397	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	77323	3.389	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	12871	3.541	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	134089	3.398	ng		0.00
27) Fluoranthene-d10	19.183	212	118814	3.381	ng		0.00
31) Terphenyl-d14	19.787	244	78759	3.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	22789	3.184	ng		99
3) n-Nitrosodimethylamine	3.499	42	29418	3.278	ng	#	96
6) bis(2-Chloroethyl)ether	7.147	93	58758	3.250	ng		98
9) Naphthalene	10.573	128	159268	3.331	ng		98
10) Hexachlorobutadiene	10.872	225	27470	3.232	ng	#	99
12) 2-Methylnaphthalene	12.197	142	102695	3.384	ng		99
16) Acenaphthylene	14.110	152	139550	3.469	ng		100
17) Acenaphthene	14.452	154	95652	3.413	ng		97
18) Fluorene	15.446	166	121052	3.357	ng		99
20) 4,6-Dinitro-2-methylph...	15.522	198	9649	4.128	ng	#	43
21) 4-Bromophenyl-phenylether	16.342	248	35254	3.344	ng		95
22) Hexachlorobenzene	16.453	284	40638	3.207	ng		99
23) Atrazine	16.615	200	25071	3.487	ng		97
24) Pentachlorophenol	16.801	266	17764	3.592	ng		99
25) Phenanthrene	17.186	178	163576	3.308	ng		100
26) Anthracene	17.273	178	148322	3.479	ng		100
28) Fluoranthene	19.215	202	177518	3.377	ng		99
30) Pyrene	19.578	202	178334	3.287	ng		100
32) Benzo(a)anthracene	21.322	228	144401	3.391	ng		99
33) Chrysene	21.375	228	153835	3.281	ng		100
34) Bis(2-ethylhexyl)phtha...	21.268	149	73028	3.126	ng		100
36) Indeno(1,2,3-cd)pyrene	25.963	276	182271	3.499	ng		99
37) Benzo(b)fluoranthene	22.940	252	155996	3.460	ng	#	88
38) Benzo(k)fluoranthene	22.987	252	157545	3.505	ng	#	88
39) Benzo(a)pyrene	23.534	252	128763	3.490	ng	#	82
40) Dibenzo(a,h)anthracene	25.978	278	143161	3.565	ng		95
41) Benzo(g,h,i)perylene	26.668	276	154373	3.439	ng		98

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

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