Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038304.D
Acq On : 10 Dec 2025 13:30
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Dec 10 14:00:51 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	6683	0.400	ng		0.00
7) Naphthalene-d8	10.530	136	17297	0.400	ng		0.00
13) Acenaphthene-d10	14.398	164	8946	0.400	ng		0.00
19) Phenanthrene-d10	17.148	188	14791	0.400	ng	#	0.00
29) Chrysene-d12	21.340	240	11438	0.400	ng	#	0.00
35) Perylene-d12	23.633	264	10064	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	85118	5.114	ng		0.00
5) Phenol-d6	6.887	99	106714	5.393	ng		0.00
8) Nitrobenzene-d5	8.875	82	77560	5.316	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	129558	5.310	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	22914	5.773	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	203375	4.719	ng		0.00
27) Fluoranthene-d10	19.187	212	194683	5.322	ng		0.00
31) Terphenyl-d14	19.791	244	129183	5.061	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	36727	4.793	ng		98
3) n-Nitrosodimethylamine	3.499	42	47875	4.983	ng	#	97
6) bis(2-Chloroethyl)ether	7.147	93	95792	4.949	ng		98
9) Naphthalene	10.573	128	260570	5.096	ng		99
10) Hexachlorobutadiene	10.872	225	44570	4.904	ng	#	100
12) 2-Methylnaphthalene	12.202	142	170617	5.257	ng		99
16) Acenaphthylene	14.110	152	233854	5.323	ng		99
17) Acenaphthene	14.462	154	159912	5.225	ng		96
18) Fluorene	15.446	166	201458	5.116	ng		98
21) 4-Bromophenyl-phenylether	16.342	248	58800	5.358	ng	#	88
22) Hexachlorobenzene	16.466	284	66067	5.008	ng		100
23) Atrazine	16.615	200	42381	5.662	ng		94
24) Pentachlorophenol	16.801	266	32164	6.248	ng		99
25) Phenanthrene	17.186	178	269284	5.231	ng		100
26) Anthracene	17.285	178	245335	5.527	ng		100
28) Fluoranthene	19.220	202	289557	5.292	ng		99
30) Pyrene	19.582	202	291237	5.172	ng		100
32) Benzo(a)anthracene	21.331	228	239112	5.412	ng		98
33) Chrysene	21.375	228	242638	4.987	ng		99
34) Bis(2-ethylhexyl)phtha...	21.268	149	125703	5.186	ng		100
36) Indeno(1,2,3-cd)pyrene	25.963	276	293099	5.489	ng		100
37) Benzo(b)fluoranthene	22.946	252	249557	5.399	ng	#	88
38) Benzo(k)fluoranthene	22.990	252	250888	5.444	ng	#	87
39) Benzo(a)pyrene	23.534	252	209188	5.530	ng	#	81
40) Dibenzo(a,h)anthracene	25.981	278	229223	5.567	ng		95
41) Benzo(g,h,i)perylene	26.677	276	247112	5.369	ng		97

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

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