Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037697.D
Acq On : 11 Sep 2025 13:33
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 11 14:07:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:02:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	5654	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	14362	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	7056	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	12767	0.400	ng		0.00
29) Chrysene-d12	21.420	240	13060	0.400	ng		0.00
35) Perylene-d12	23.753	264	12009	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	70949	5.466	ng		0.00
5) Phenol-d6	6.988	99	91084	5.412	ng		0.00
8) Nitrobenzene-d5	8.993	82	58397	5.559	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	119992	6.306	ng		0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
15) 2-Fluorobiphenyl	13.115	172	157398	5.334	ng		0.00
27) Fluoranthene-d10	19.271	212	215419	6.721	ng		0.00
31) Terphenyl-d14	19.870	244	145595	5.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	27447	4.661	ng		97
3) n-Nitrosodimethylamine	3.601	42	38960	5.064	ng	#	93
6) bis(2-Chloroethyl)ether	7.255	93	75108	4.995	ng		100
9) Naphthalene	10.690	128	206218	5.253	ng		99
10) Hexachlorobutadiene	11.000	225	36218	5.099	ng	#	100
12) 2-Methylnaphthalene	12.314	142	132802	5.469	ng		99
16) Acenaphthylene	14.217	152	178140	5.505	ng		100
17) Acenaphthene	14.559	154	118915	5.435	ng		97
18) Fluorene	15.535	166	147419	5.563	ng		99
21) 4-Bromophenyl-phenylether	16.441	248	45357	5.448	ng		98
22) Hexachlorobenzene	16.553	284	49411	5.160	ng		99
23) Atrazine	16.702	200	33341	6.295	ng		96
24) Pentachlorophenol	16.888	266	18297	6.581	ng		97
25) Phenanthrene	17.285	178	218722	5.441	ng		100
26) Anthracene	17.372	178	204421	5.741	ng		100
28) Fluoranthene	19.299	202	261250	5.926	ng		99
30) Pyrene	19.661	202	259551	5.077	ng		100
32) Benzo(a)anthracene	21.402	228	248434	5.454	ng		99
33) Chrysene	21.456	228	251956	5.158	ng		100
34) Bis(2-ethylhexyl)phtha...	21.349	149	82262	6.091	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.145	276	303960	6.024	ng		99
37) Benzo(b)fluoranthene	23.049	252	266973	5.645	ng	#	94
38) Benzo(k)fluoranthene	23.093	252	263641	5.466	ng	#	94
39) Benzo(a)pyrene	23.651	252	220208	5.816	ng	#	90
40) Dibenzo(a,h)anthracene	26.162	278	245606	6.096	ng	#	91
41) Benzo(g,h,i)perylene	26.867	276	258594	5.720	ng		95

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

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