Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092325\
Data File : BN037864.D
Acq On : 23 Sep 2025 14:02
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 23 16:22:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:17:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	5204	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	14715	0.400	ng		0.00
13) Acenaphthene-d10	14.473	164	7889	0.400	ng		0.00
19) Phenanthrene-d10	17.223	188	15207	0.400	ng		0.00
29) Chrysene-d12	21.402	240	13674	0.400	ng		0.00
35) Perylene-d12	23.730	264	12464	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	8737	0.736	ng		0.00
5) Phenol-d6	6.973	99	11319	0.725	ng		0.00
8) Nitrobenzene-d5	8.971	82	8536	0.761	ng		0.00
11) 2-Methylnaphthalene-d10	12.217	152	14822	0.725	ng		0.00
14) 2,4,6-Tribromophenol	15.969	330	2186	0.687	ng		0.00
15) 2-Fluorobiphenyl	13.094	172	24413	0.756	ng		0.00
27) Fluoranthene-d10	19.252	212	27365	0.715	ng		0.00
31) Terphenyl-d14	19.852	244	20095	0.738	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	4191	0.793	ng		98
3) n-Nitrosodimethylamine	3.600	42	5472	0.779	ng	#	89
6) bis(2-Chloroethyl)ether	7.240	93	11096	0.766	ng		99
9) Naphthalene	10.669	128	30935	0.763	ng		99
10) Hexachlorobutadiene	10.979	225	5393	0.780	ng	#	99
12) 2-Methylnaphthalene	12.293	142	20065	0.758	ng		99
16) Acenaphthylene	14.195	152	26510	0.740	ng		99
17) Acenaphthene	14.537	154	19057	0.747	ng		100
18) Fluorene	15.522	166	23130	0.749	ng		99
20) 4,6-Dinitro-2-methylph...	15.597	198	1414	0.755	ng	#	77
21) 4-Bromophenyl-phenylether	16.416	248	7412	0.748	ng		98
22) Hexachlorobenzene	16.528	284	9138	0.761	ng		99
23) Atrazine	16.677	200	5405	0.716	ng	#	87
24) Pentachlorophenol	16.875	266	2945	0.714	ng		97
25) Phenanthrene	17.260	178	37218	0.744	ng		99
26) Anthracene	17.347	178	32138	0.740	ng		100
28) Fluoranthene	19.285	202	41292	0.749	ng		100
30) Pyrene	19.643	202	40377	0.748	ng		100
32) Benzo(a)anthracene	21.384	228	35130	0.735	ng		100
33) Chrysene	21.438	228	39541	0.765	ng		100
34) Bis(2-ethylhexyl)phtha...	21.322	149	13026	0.689	ng		99
36) Indeno(1,2,3-cd)pyrene	26.107	276	42560	0.747	ng		100
37) Benzo(b)fluoranthene	23.025	252	39646	0.738	ng		96
38) Benzo(k)fluoranthene	23.075	252	40574	0.750	ng		96
39) Benzo(a)pyrene	23.627	252	31265	0.735	ng		94
40) Dibenzo(a,h)anthracene	26.121	278	33235	0.747	ng		98
41) Benzo(g,h,i)perylene	26.835	276	34817	0.745	ng		98

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

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