Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037660.D
Acq On : 04 Sep 2025 15:59
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 04 18:22:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	2656	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	6192	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	2744	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	4886	0.400	ng		0.00
29) Chrysene-d12	21.268	240	4086	0.400	ng	#	0.00
35) Perylene-d12	23.496	264	3902	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	4773	0.735	ng		0.00
5) Phenol-d6	6.872	99	5648	0.726	ng		0.00
8) Nitrobenzene-d5	8.843	82	3580	0.736	ng		0.00
11) 2-Methylnaphthalene-d10	12.080	152	5869	0.720	ng		0.00
14) 2,4,6-Tribromophenol	15.820	330	1020	0.689	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	11934	0.777	ng		0.00
27) Fluoranthene-d10	19.108	212	8529	0.700	ng		0.00
31) Terphenyl-d14	19.712	244	6020	0.748	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	2068	0.781	ng		99
3) n-Nitrosodimethylamine	3.535	42	2635	0.769	ng	#	99
6) bis(2-Chloroethyl)ether	7.132	93	5109	0.769	ng		100
9) Naphthalene	10.530	128	12742	0.755	ng		99
10) Hexachlorobutadiene	10.840	225	2926	0.756	ng	#	98
12) 2-Methylnaphthalene	12.151	142	7680	0.747	ng		99
16) Acenaphthylene	14.056	152	9462	0.755	ng		99
17) Acenaphthene	14.398	154	6492	0.747	ng		100
18) Fluorene	15.382	166	8011	0.755	ng		98
20) 4,6-Dinitro-2-methylph...	15.457	198	601	0.702	ng		89
21) 4-Bromophenyl-phenylether	16.280	248	2373	0.749	ng		98
22) Hexachlorobenzene	16.391	284	3383	0.770	ng		100
23) Atrazine	16.540	200	1492	0.695	ng	#	88
24) Pentachlorophenol	16.726	266	1405	0.695	ng		98
25) Phenanthrene	17.124	178	11119	0.746	ng		100
26) Anthracene	17.210	178	9598	0.730	ng		100
28) Fluoranthene	19.141	202	12016	0.727	ng		99
30) Pyrene	19.503	202	11784	0.750	ng		100
32) Benzo(a)anthracene	21.250	228	10237	0.728	ng		99
33) Chrysene	21.295	228	11300	0.753	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3663	0.762	ng		99
36) Indeno(1,2,3-cd)pyrene	25.750	276	13558	0.735	ng		99
37) Benzo(b)fluoranthene	22.823	252	11568	0.734	ng		98
38) Benzo(k)fluoranthene	22.870	252	12145	0.735	ng		98
39) Benzo(a)pyrene	23.399	252	9421	0.721	ng		96
40) Dibenzo(a,h)anthracene	25.767	278	10524	0.732	ng		99
41) Benzo(g,h,i)perylene	26.437	276	11567	0.746	ng		98

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

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