Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037656.D
Acq On : 04 Sep 2025 11:29
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 05 07:09:44 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	3047	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	7444	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	3622	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	6923	0.400	ng		0.00
29) Chrysene-d12	21.268	240	4859	0.400	ng	#	0.00
35) Perylene-d12	23.496	264	4170	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	2595	0.349	ng		0.00
5) Phenol-d6	6.872	99	3162	0.354	ng		0.00
8) Nitrobenzene-d5	8.843	82	2138	0.366	ng		0.00
11) 2-Methylnaphthalene-d10	12.080	152	3695	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	643	0.329	ng		0.01
15) 2-Fluorobiphenyl	12.963	172	7806	0.385	ng		0.00
27) Fluoranthene-d10	19.113	212	6127	0.355	ng		0.00
31) Terphenyl-d14	19.717	244	4081	0.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	1193	0.393	ng		98
3) n-Nitrosodimethylamine	3.535	42	1562	0.397	ng	#	91
6) bis(2-Chloroethyl)ether	7.132	93	3062	0.402	ng		99
9) Naphthalene	10.530	128	7829	0.386	ng		100
10) Hexachlorobutadiene	10.840	225	1888	0.406	ng	#	100
12) 2-Methylnaphthalene	12.151	142	4765	0.386	ng		100
16) Acenaphthylene	14.056	152	6295	0.381	ng		99
17) Acenaphthene	14.398	154	4339	0.378	ng		97
18) Fluorene	15.392	166	5561	0.397	ng		99
20) 4,6-Dinitro-2-methylph...	15.467	198	305	0.251	ng	#	86
21) 4-Bromophenyl-phenylether	16.280	248	1693	0.377	ng	#	93
22) Hexachlorobenzene	16.391	284	2615	0.420	ng		98
23) Atrazine	16.553	200	1048	0.344	ng		96
24) Pentachlorophenol	16.739	266	897	0.313	ng		99
25) Phenanthrene	17.124	178	8071	0.382	ng		99
26) Anthracene	17.210	178	6713	0.360	ng		100
28) Fluoranthene	19.141	202	8461	0.361	ng		100
30) Pyrene	19.503	202	8121	0.435	ng		100
32) Benzo(a)anthracene	21.250	228	6385	0.382	ng		99
33) Chrysene	21.304	228	7221	0.405	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	3308	0.543	ng		99
36) Indeno(1,2,3-cd)pyrene	25.753	276	5888	0.299	ng		99
37) Benzo(b)fluoranthene	22.823	252	6400	0.380	ng		98
38) Benzo(k)fluoranthene	22.867	252	6870	0.389	ng		97
39) Benzo(a)pyrene	23.399	252	4995	0.358	ng		95
40) Dibenzo(a,h)anthracene	25.767	278	4119	0.268	ng		94
41) Benzo(g,h,i)perylene	26.434	276	5632	0.340	ng		98

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

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