Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
Data File : BN038041.D
Acq On : 07 Oct 2025 12:03
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 07 12:30:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	8417	0.400	ng		-0.02
7) Naphthalene-d8	10.605	136	24486	0.400	ng		#-0.02
13) Acenaphthene-d10	14.462	164	13140	0.400	ng		-0.01
19) Phenanthrene-d10	17.210	188	24897	0.400	ng		-0.01
29) Chrysene-d12	21.393	240	15245	0.400	ng		0.00
35) Perylene-d12	23.709	264	11156	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	7180	0.374	ng		0.00
5) Phenol-d6	6.966	99	9327	0.370	ng		0.00
8) Nitrobenzene-d5	8.961	82	7000	0.375	ng		-0.01
11) 2-Methylnaphthalene-d10	12.202	152	12558	0.369	ng		-0.02
14) 2,4,6-Tribromophenol	15.957	330	1583	0.318	ng		-0.01
15) 2-Fluorobiphenyl	13.083	172	19937	0.371	ng		-0.01
27) Fluoranthene-d10	19.238	212	20670	0.330	ng		-0.01
31) Terphenyl-d14	19.838	244	13971	0.460	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	3522	0.412	ng		97
3) n-Nitrosodimethylamine	3.593	42	4624	0.407	ng	#	86
6) bis(2-Chloroethyl)ether	7.226	93	9113	0.389	ng		98
9) Naphthalene	10.658	128	25667	0.380	ng		99
10) Hexachlorobutadiene	10.957	225	4497	0.391	ng	#	99
12) 2-Methylnaphthalene	12.273	142	16564	0.376	ng		99
16) Acenaphthylene	14.174	152	22103	0.370	ng		100
17) Acenaphthene	14.526	154	15438	0.363	ng		99
18) Fluorene	15.510	166	17115	0.333	ng		98
20) 4,6-Dinitro-2-methylph...	15.584	198	804	0.321	ng	#	28
21) 4-Bromophenyl-phenylether	16.404	248	6073	0.374	ng	#	91
22) Hexachlorobenzene	16.515	284	7542	0.383	ng		98
23) Atrazine	16.664	200	3795	0.307	ng	#	88
24) Pentachlorophenol	16.863	266	2940	0.436	ng		98
25) Phenanthrene	17.248	178	30379	0.371	ng		99
26) Anthracene	17.335	178	25195	0.354	ng		100
28) Fluoranthene	19.271	202	29951	0.332	ng		99
30) Pyrene	19.633	202	29024	0.482	ng		100
32) Benzo(a)anthracene	21.375	228	19914	0.374	ng		99
33) Chrysene	21.429	228	22581	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.313	149	6613	0.314	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.074	276	19823	0.389	ng		97
37) Benzo(b)fluoranthene	23.008	252	19274	0.401	ng	#	95
38) Benzo(k)fluoranthene	23.054	252	18328	0.379	ng	#	94
39) Benzo(a)pyrene	23.610	252	14574	0.383	ng	#	90
40) Dibenzo(a,h)anthracene	26.089	278	15595	0.392	ng		97
41) Benzo(g,h,i)perylene	26.794	276	16844	0.403	ng		98

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

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