Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037759.D
Acq On : 18 Sep 2025 02:46
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 18 05:02:26 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 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	8012	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	21664	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	10192	0.400	ng		-0.01
19) Phenanthrene-d10	17.235	188	18613	0.400	ng		# 0.00
29) Chrysene-d12	21.411	240	16797	0.400	ng		0.00
35) Perylene-d12	23.741	264	18043	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	7521	0.409	ng		0.00
5) Phenol-d6	6.988	99	9450	0.396	ng		0.00
8) Nitrobenzene-d5	8.982	82	6195	0.391	ng		-0.01
11) 2-Methylnaphthalene-d10	12.233	152	11065	0.386	ng		-0.01
14) 2,4,6-Tribromophenol	15.982	330	1222	0.460	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	16772	0.393	ng		0.00
27) Fluoranthene-d10	19.267	212	17669	0.378	ng		0.00
31) Terphenyl-d14	19.861	244	12341	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	3460	0.415	ng		95
3) n-Nitrosodimethylamine	3.608	42	4100	0.376	ng		91
6) bis(2-Chloroethyl)ether	7.248	93	8459	0.397	ng		99
9) Naphthalene	10.690	128	23012	0.389	ng		99
10) Hexachlorobutadiene	10.989	225	4127	0.385	ng	#	99
12) 2-Methylnaphthalene	12.309	142	14242	0.389	ng		98
16) Acenaphthylene	14.206	152	17762	0.380	ng		99
17) Acenaphthene	14.548	154	12273	0.388	ng		99
18) Fluorene	15.535	166	14482	0.378	ng		99
20) 4,6-Dinitro-2-methylph...	15.609	198	576	0.334	ng		95
21) 4-Bromophenyl-phenylether	16.429	248	4671	0.385	ng	#	84
22) Hexachlorobenzene	16.540	284	5435	0.389	ng		99
23) Atrazine	16.689	200	2899	0.375	ng	#	92
24) Pentachlorophenol	16.888	266	1908	0.471	ng		98
25) Phenanthrene	17.273	178	22675	0.387	ng		100
26) Anthracene	17.360	178	19975	0.385	ng		99
28) Fluoranthene	19.294	202	24904	0.387	ng		99
30) Pyrene	19.657	202	24982	0.380	ng		100
32) Benzo(a)anthracene	21.393	228	22983	0.392	ng		100
33) Chrysene	21.447	228	24936	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.340	149	7755	0.446	ng		99
36) Indeno(1,2,3-cd)pyrene	26.124	276	32683	0.431	ng		99
37) Benzo(b)fluoranthene	23.037	252	27058	0.381	ng		99
38) Benzo(k)fluoranthene	23.084	252	28281	0.390	ng		99
39) Benzo(a)pyrene	23.639	252	21959	0.386	ng		98
40) Dibenzo(a,h)anthracene	26.142	278	26135	0.432	ng		97
41) Benzo(g,h,i)perylene	26.852	276	27338	0.403	ng		97

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

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