Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038359.D
Acq On : 12 Dec 2025 20:16
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 13 02:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	5228	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	14121	0.400	ng		#-0.01
13) Acenaphthene-d10	14.388	164	7548	0.400	ng		-0.01
19) Phenanthrene-d10	17.149	188	13536	0.400	ng		0.00
29) Chrysene-d12	21.331	240	10706	0.400	ng		# 0.00
35) Perylene-d12	23.622	264	10533	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	5139	0.395	ng		0.00
5) Phenol-d6	6.887	99	6015	0.389	ng		0.00
8) Nitrobenzene-d5	8.875	82	4518	0.379	ng		0.00
11) 2-Methylnaphthalene-d10	12.121	152	7852	0.394	ng		0.00
14) 2,4,6-Tribromophenol	15.883	330	1132	0.338	ng		-0.01
15) 2-Fluorobiphenyl	13.009	172	15577	0.428	ng		0.00
27) Fluoranthene-d10	19.183	212	13534	0.404	ng		0.00
31) Terphenyl-d14	19.782	244	9327	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	2508	0.418	ng		100
3) n-Nitrosodimethylamine	3.507	42	2973	0.396	ng	#	97
6) bis(2-Chloroethyl)ether	7.139	93	6106	0.403	ng		99
9) Naphthalene	10.573	128	16523	0.396	ng		100
10) Hexachlorobutadiene	10.861	225	2962	0.399	ng	#	98
12) 2-Methylnaphthalene	12.197	142	10521	0.397	ng		98
16) Acenaphthylene	14.110	152	13777	0.372	ng		100
17) Acenaphthene	14.452	154	9774	0.378	ng		99
18) Fluorene	15.446	166	12488	0.376	ng		99
20) 4,6-Dinitro-2-methylph...	15.523	198	366	0.164	ng	#	28
21) 4-Bromophenyl-phenylether	16.342	248	3797	0.378	ng	#	93
22) Hexachlorobenzene	16.453	284	4611	0.382	ng		99
23) Atrazine	16.615	200	2522	0.368	ng		98
24) Pentachlorophenol	16.801	266	1172	0.249	ng		97
25) Phenanthrene	17.186	178	18166	0.386	ng		100
26) Anthracene	17.273	178	15498	0.382	ng		100
28) Fluoranthene	19.211	202	19746	0.394	ng		100
30) Pyrene	19.573	202	20470	0.388	ng		100
32) Benzo(a)anthracene	21.322	228	16053	0.388	ng		98
33) Chrysene	21.366	228	17821	0.391	ng		100
34) Bis(2-ethylhexyl)phtha...	21.259	149	8339	0.368	ng		99
36) Indeno(1,2,3-cd)pyrene	25.946	276	22367	0.400	ng		99
37) Benzo(b)fluoranthene	22.932	252	19035	0.393	ng		98
38) Benzo(k)fluoranthene	22.978	252	19134	0.397	ng		100
39) Benzo(a)pyrene	23.519	252	15392	0.389	ng		98
40) Dibenzo(a,h)anthracene	25.961	278	16850	0.391	ng		99
41) Benzo(g,h,i)perylene	26.651	276	18842	0.391	ng		99

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

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