Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038181.D
Acq On : 10 Nov 2025 15:01
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 10 15:26:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	9576	0.400	ng		0.00
7) Naphthalene-d8	10.583	136	31457	0.400	ng	#	0.01
13) Acenaphthene-d10	14.441	164	18689	0.400	ng		0.01
19) Phenanthrene-d10	17.186	188	34701	0.400	ng	#	0.00
29) Chrysene-d12	21.375	240	20839	0.400	ng	#	0.00
35) Perylene-d12	23.692	264	18134	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.355	112	9760	0.433	ng		0.00
5) Phenol-d6	6.951	99	12004	0.437	ng		0.01
8) Nitrobenzene-d5	8.939	82	10020	0.395	ng		0.01
11) 2-Methylnaphthalene-d10	12.182	152	18212	0.405	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	2558	0.332	ng		0.00
15) 2-Fluorobiphenyl	13.062	172	29009	0.388	ng		0.01
27) Fluoranthene-d10	19.225	212	30818	0.352	ng		0.00
31) Terphenyl-d14	19.828	244	21238	0.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	3958	0.400	ng		99
3) n-Nitrosodimethylamine	3.571	42	5056	0.397	ng	#	98
6) bis(2-Chloroethyl)ether	7.204	93	10793	0.400	ng		99
9) Naphthalene	10.637	128	33687	0.389	ng		100
10) Hexachlorobutadiene	10.936	225	5641	0.386	ng	#	99
12) 2-Methylnaphthalene	12.253	142	22973	0.398	ng		99
16) Acenaphthylene	14.163	152	31288	0.370	ng		100
17) Acenaphthene	14.505	154	22215	0.375	ng		99
18) Fluorene	15.489	166	28288	0.364	ng		99
20) 4,6-Dinitro-2-methylph...	15.572	198	1201	0.365	ng	#	83
21) 4-Bromophenyl-phenylether	16.391	248	8758	0.385	ng	#	79
22) Hexachlorobenzene	16.503	284	9893	0.382	ng		100
23) Atrazine	16.652	200	5927	0.356	ng	#	95
24) Pentachlorophenol	16.851	266	2596	0.233	ng		100
25) Phenanthrene	17.235	178	41232	0.374	ng		100
26) Anthracene	17.322	178	35320	0.366	ng		100
28) Fluoranthene	19.257	202	42090	0.342	ng		100
30) Pyrene	19.619	202	41398	0.440	ng		100
32) Benzo(a)anthracene	21.366	228	28233	0.380	ng		100
33) Chrysene	21.411	228	31020	0.384	ng		99
34) Bis(2-ethylhexyl)phtha...	21.304	149	18223	0.465	ng		99
36) Indeno(1,2,3-cd)pyrene	26.051	276	32032	0.430	ng		100
37) Benzo(b)fluoranthene	22.993	252	28428	0.367	ng		96
38) Benzo(k)fluoranthene	23.037	252	28776	0.369	ng		99
39) Benzo(a)pyrene	23.592	252	23452	0.378	ng	#	92
40) Dibenzo(a,h)anthracene	26.066	278	24650	0.430	ng		97
41) Benzo(g,h,i)perylene	26.767	276	26920	0.411	ng		100

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

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