Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103025\
Data File : BN038128.D
Acq On : 30 Oct 2025 18:24
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 30 18:48:12 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	7.775	152	11572	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	34165	0.400	ng		0.01
13) Acenaphthene-d10	14.441	164	19183	0.400	ng		0.01
19) Phenanthrene-d10	17.186	188	36440	0.400	ng		0.00
29) Chrysene-d12	21.375	240	27307	0.400	ng	#	0.00
35) Perylene-d12	23.689	264	23340	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	10060	0.369	ng		0.00
5) Phenol-d6	6.937	99	12158	0.366	ng		0.00
8) Nitrobenzene-d5	8.929	82	10677	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.177	152	18675	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	2438	0.308	ng		0.00
15) 2-Fluorobiphenyl	13.062	172	31009	0.404	ng		0.01
27) Fluoranthene-d10	19.225	212	34226	0.372	ng		0.00
31) Terphenyl-d14	19.824	244	23382	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	4605	0.385	ng		95
3) n-Nitrosodimethylamine	3.572	42	6140	0.399	ng	#	94
6) bis(2-Chloroethyl)ether	7.197	93	12979	0.398	ng		99
9) Naphthalene	10.626	128	37536	0.399	ng		99
10) Hexachlorobutadiene	10.925	225	6543	0.412	ng	#	99
12) 2-Methylnaphthalene	12.248	142	24427	0.389	ng		99
16) Acenaphthylene	14.152	152	33194	0.382	ng		99
17) Acenaphthene	14.495	154	23646	0.389	ng		99
18) Fluorene	15.489	166	31411	0.394	ng		99
20) 4,6-Dinitro-2-methylph...	15.560	198	1501	0.400	ng		90
21) 4-Bromophenyl-phenylether	16.379	248	9178	0.384	ng		98
22) Hexachlorobenzene	16.503	284	10931	0.402	ng		99
23) Atrazine	16.652	200	6037	0.345	ng		99
24) Pentachlorophenol	16.838	266	3330	0.285	ng		99
25) Phenanthrene	17.223	178	45935	0.397	ng		100
26) Anthracene	17.322	178	37796	0.373	ng		100
28) Fluoranthene	19.253	202	49286	0.381	ng		99
30) Pyrene	19.615	202	48605	0.394	ng		100
32) Benzo(a)anthracene	21.358	228	35360	0.363	ng		99
33) Chrysene	21.411	228	42572	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	17337	0.338	ng		99
36) Indeno(1,2,3-cd)pyrene	26.045	276	38908	0.406	ng		98
37) Benzo(b)fluoranthene	22.990	252	38919	0.390	ng		96
38) Benzo(k)fluoranthene	23.037	252	40361	0.402	ng		95
39) Benzo(a)pyrene	23.587	252	30709	0.384	ng		95
40) Dibenzo(a,h)anthracene	26.063	278	30374	0.412	ng		96
41) Benzo(g,h,i)perylene	26.762	276	34202	0.406	ng		100

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

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