Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038202.D
Acq On : 13 Nov 2025 17:07
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 13 17:35:21 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	11622	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	37312	0.400	ng		0.01
13) Acenaphthene-d10	14.441	164	22474	0.400	ng		0.01
19) Phenanthrene-d10	17.186	188	41020	0.400	ng		0.00
29) Chrysene-d12	21.375	240	24289	0.400	ng	#	0.00
35) Perylene-d12	23.689	264	22268	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.355	112	12136	0.443	ng		0.00
5) Phenol-d6	6.944	99	14931	0.448	ng		0.00
8) Nitrobenzene-d5	8.929	82	12221	0.406	ng		0.00
11) 2-Methylnaphthalene-d10	12.177	152	21519	0.404	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	3258	0.352	ng		0.00
15) 2-Fluorobiphenyl	13.062	172	34969	0.388	ng		0.01
27) Fluoranthene-d10	19.225	212	35540	0.344	ng		0.00
31) Terphenyl-d14	19.824	244	23996	0.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	4928	0.410	ng		97
3) n-Nitrosodimethylamine	3.572	42	5952	0.385	ng	#	97
6) bis(2-Chloroethyl)ether	7.204	93	13090	0.400	ng		100
9) Naphthalene	10.626	128	40272	0.392	ng		100
10) Hexachlorobutadiene	10.925	225	6747	0.389	ng	#	99
12) 2-Methylnaphthalene	12.253	142	27374	0.399	ng		98
16) Acenaphthylene	14.152	152	37903	0.372	ng		100
17) Acenaphthene	14.505	154	26375	0.370	ng		99
18) Fluorene	15.489	166	34346	0.368	ng		99
20) 4,6-Dinitro-2-methylph...	15.560	198	1379	0.360	ng	#	67
21) 4-Bromophenyl-phenylether	16.379	248	10516	0.391	ng		95
22) Hexachlorobenzene	16.503	284	11924	0.390	ng		99
23) Atrazine	16.652	200	7096	0.360	ng		97
24) Pentachlorophenol	16.851	266	2849	0.216	ng		99
25) Phenanthrene	17.223	178	48574	0.373	ng		100
26) Anthracene	17.322	178	42220	0.371	ng		100
28) Fluoranthene	19.252	202	48975	0.337	ng		99
30) Pyrene	19.615	202	48518	0.443	ng		100
32) Benzo(a)anthracene	21.357	228	33386	0.385	ng		99
33) Chrysene	21.411	228	35317	0.376	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	23790	0.521	ng		99
36) Indeno(1,2,3-cd)pyrene	26.042	276	40312	0.441	ng		98
37) Benzo(b)fluoranthene	22.990	252	34494	0.362	ng		97
38) Benzo(k)fluoranthene	23.034	252	34511	0.360	ng		99
39) Benzo(a)pyrene	23.589	252	29228	0.384	ng	#	92
40) Dibenzo(a,h)anthracene	26.060	278	30853	0.438	ng		97
41) Benzo(g,h,i)perylene	26.762	276	33696	0.419	ng		100

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

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