Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
Data File : BN036970.D
Acq On : 07 May 2025 19:22
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/08/2025
Supervised By :Jagrut Upadhyay 05/08/2025

Quant Time: May 07 22:49:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.625	152	1589	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	4028	0.400	ng		#-0.01
13) Acenaphthene-d10	14.277	164	2162	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	4294	0.400	ng		0.00
29) Chrysene-d12	21.215	240	3797	0.400	ng		# 0.00
35) Perylene-d12	23.424	264	3723	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	1695	0.417	ng		0.00
5) Phenol-d6	6.802	99	2346	0.469	ng		0.00
8) Nitrobenzene-d5	8.771	82	1681	0.399	ng		-0.01
11) 2-Methylnaphthalene-d10	12.006	152	2211	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	412	0.428	ng		0.00
15) 2-Fluorobiphenyl	12.893	172	4032	0.386	ng		0.00
27) Fluoranthene-d10	19.059	212	4572	0.411	ng		0.00
31) Terphenyl-d14	19.663	244	3314	0.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	841	0.425	ng		91
3) n-Nitrosodimethylamine	3.465	42	1622	0.422	ng		96
6) bis(2-Chloroethyl)ether	7.062	93	1814	0.391	ng		98
9) Naphthalene	10.458	128	4644	0.396	ng		98
10) Hexachlorobutadiene	10.746	225	1042	0.411	ng	#	98
12) 2-Methylnaphthalene	12.082	142	2931	0.387	ng		99
16) Acenaphthylene	13.989	152	4123	0.390	ng		100
17) Acenaphthene	14.331	154	2731	0.393	ng		98
18) Fluorene	15.325	166	3587	0.395	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	432	0.380	ng		83
21) 4-Bromophenyl-phenylether	16.227	248	1116	0.389	ng		94
22) Hexachlorobenzene	16.338	284	1206	0.384	ng		95
23) Atrazine	16.500	200	965	0.417	ng		96
24) Pentachlorophenol	16.673	266	629	0.374	ng		98
25) Phenanthrene	17.058	178	5581	0.394	ng		100
26) Anthracene	17.157	178	5017	0.391	ng		99
28) Fluoranthene	19.086	202	6464	0.407	ng		99
30) Pyrene	19.449	202	6576	0.360	ng		99
32) Benzo(a)anthracene	21.197	228	5432	0.388	ng		99
33) Chrysene	21.251	228	6312	0.419	ng		98
34) Bis(2-ethylhexyl)phtha...	21.144	149	3597m	0.452	ng		
36) Indeno(1,2,3-cd)pyrene	25.640	276	6235	0.410	ng		95
37) Benzo(b)fluoranthene	22.760	252	5851	0.374	ng		98
38) Benzo(k)fluoranthene	22.804	252	6187m	0.393	ng		
39) Benzo(a)pyrene	23.327	252	5125	0.398	ng		96
40) Dibenzo(a,h)anthracene	25.655	278	4770	0.399	ng		99
41) Benzo(g,h,i)perylene	26.315	276	5445	0.410	ng		98

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

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