Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
Data File : BN037464.D
Acq On : 10 Jul 2025 20:03
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/11/2025
Supervised By :Jagrut Upadhyay 07/11/2025

Quant Time: Jul 11 01:29:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:48:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.731	152	1823	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4261	0.400	ng		-0.01
13) Acenaphthene-d10	14.355	164	2046	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3669	0.400	ng		-0.01
29) Chrysene-d12	21.286	240	2814	0.400	ng		# 0.00
35) Perylene-d12	23.528	264	3008	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	2081	0.424	ng		0.00
5) Phenol-d6	6.894	99	2617	0.433	ng		0.00
8) Nitrobenzene-d5	8.864	82	1189	0.415	ng		-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2194	0.369	ng		-0.01
14) 2,4,6-Tribromophenol	15.845	330	325	0.389	ng		-0.01
15) 2-Fluorobiphenyl	12.988	172	4451	0.395	ng		-0.01
27) Fluoranthene-d10	19.132	212	3380	0.358	ng		0.00
31) Terphenyl-d14	19.735	244	2303	0.389	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	689	0.390	ng		92
3) n-Nitrosodimethylamine	3.557	42	887	0.426	ng	#	90
6) bis(2-Chloroethyl)ether	7.154	93	1753	0.363	ng		93
9) Naphthalene	10.562	128	4471	0.391	ng		97
10) Hexachlorobutadiene	10.861	225	1099	0.472	ng	#	100
12) 2-Methylnaphthalene	12.182	142	2749	0.373	ng		98
16) Acenaphthylene	14.077	152	3662	0.381	ng		99
17) Acenaphthene	14.419	154	2408	0.389	ng		96
18) Fluorene	15.414	166	3017	0.389	ng		94
20) 4,6-Dinitro-2-methylph...	15.478	198	148	0.508	ng	#	53
21) 4-Bromophenyl-phenylether	16.304	248	884	0.371	ng	#	88
22) Hexachlorobenzene	16.416	284	1251	0.432	ng	#	91
23) Atrazine	16.565	200	559	0.441	ng		95
24) Pentachlorophenol	16.751	266	456	0.365	ng		96
25) Phenanthrene	17.136	178	4246	0.384	ng		99
26) Anthracene	17.235	178	3746	0.361	ng		99
28) Fluoranthene	19.159	202	4541	0.366	ng		99
30) Pyrene	19.522	202	4472	0.387	ng		100
32) Benzo(a)anthracene	21.268	228	3657	0.366	ng		99
33) Chrysene	21.321	228	4054	0.396	ng		98
34) Bis(2-ethylhexyl)phtha...	21.232	149	1284	0.578	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.802	276	4132	0.367	ng		97
37) Benzo(b)fluoranthene	22.855	252	3800	0.347	ng		98
38) Benzo(k)fluoranthene	22.902	252	4188m	0.380	ng		
39) Benzo(a)pyrene	23.428	252	2991	0.328	ng		97
40) Dibenzo(a,h)anthracene	25.823	278	3413	0.377	ng		97
41) Benzo(g,h,i)perylene	26.487	276	3648	0.375	ng		96

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

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