Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037481.D
Acq On : 11 Jul 2025 19:43
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 11 23:29:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	2080	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4810	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2230	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	4045	0.400	ng		0.00
29) Chrysene-d12	21.286	240	3148	0.400	ng	#	0.00
35) Perylene-d12	23.528	264	3275	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1903	0.393	ng		0.00
5) Phenol-d6	6.894	99	2379	0.391	ng		0.00
8) Nitrobenzene-d5	8.865	82	1147	0.329	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2015	0.308	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	296	0.391	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	4458	0.350	ng		0.00
27) Fluoranthene-d10	19.132	212	3064	0.300	ng		0.00
31) Terphenyl-d14	19.736	244	2090	0.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	659	0.337	ng		98
3) n-Nitrosodimethylamine	3.557	42	859	0.329	ng		100
6) bis(2-Chloroethyl)ether	7.154	93	1661	0.326	ng		100
9) Naphthalene	10.562	128	4185	0.324	ng		99
10) Hexachlorobutadiene	10.861	225	1067	0.344	ng	#	99
12) 2-Methylnaphthalene	12.177	142	2536	0.313	ng		98
16) Acenaphthylene	14.078	152	3291	0.324	ng		99
17) Acenaphthene	14.420	154	2223	0.326	ng		99
18) Fluorene	15.403	166	2753	0.321	ng		98
20) 4,6-Dinitro-2-methylph...	15.478	198	141	0.310	ng		96
21) 4-Bromophenyl-phenylether	16.304	248	797	0.316	ng		92
22) Hexachlorobenzene	16.416	284	1153	0.331	ng		97
23) Atrazine	16.565	200	562	0.448	ng		93
24) Pentachlorophenol	16.751	266	422	0.352	ng		95
25) Phenanthrene	17.136	178	3968	0.322	ng		99
26) Anthracene	17.223	178	3404	0.306	ng		100
28) Fluoranthene	19.160	202	4165	0.308	ng		99
30) Pyrene	19.522	202	4077	0.322	ng		99
32) Benzo(a)anthracene	21.268	228	3329	0.312	ng		99
33) Chrysene	21.322	228	3716	0.319	ng		99
34) Bis(2-ethylhexyl)phtha...	21.223	149	1217	0.336	ng		95
36) Indeno(1,2,3-cd)pyrene	25.800	276	3929	0.309	ng		98
37) Benzo(b)fluoranthene	22.853	252	3502	0.275	ng		100
38) Benzo(k)fluoranthene	22.899	252	3951m	0.306	ng		
39) Benzo(a)pyrene	23.429	252	2804	0.274	ng		99
40) Dibenzo(a,h)anthracene	25.814	278	3294	0.321	ng		97
41) Benzo(g,h,i)perylene	26.484	276	3300	0.294	ng		99

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

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