Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037055.D
Acq On : 19 May 2025 21:05
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 19 23:47:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.611	152	2229	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	6007	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	3411	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	6673	0.400	ng		# 0.00
29) Chrysene-d12	21.206	240	5101	0.400	ng		# 0.00
35) Perylene-d12	23.409	264	4377	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2130	0.365	ng		0.00
5) Phenol-d6	6.788	99	2611	0.357	ng		0.00
8) Nitrobenzene-d5	8.760	82	2439	0.373	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3492	0.413	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	547	0.365	ng		-0.01
15) 2-Fluorobiphenyl	12.883	172	6152	0.394	ng		0.00
27) Fluoranthene-d10	19.045	212	7060	0.386	ng		0.00
31) Terphenyl-d14	19.653	244	4729	0.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	1016	0.371	ng		90
3) n-Nitrosodimethylamine	3.458	42	2297	0.391	ng	#	92
6) bis(2-Chloroethyl)ether	7.048	93	2535	0.377	ng		99
9) Naphthalene	10.447	128	6669	0.376	ng		98
10) Hexachlorobutadiene	10.735	225	1525	0.409	ng	#	99
12) 2-Methylnaphthalene	12.067	142	4272	0.374	ng		99
16) Acenaphthylene	13.978	152	6024	0.363	ng		99
17) Acenaphthene	14.320	154	4038	0.372	ng		99
18) Fluorene	15.314	166	5368	0.377	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	497	0.387	ng		94
21) 4-Bromophenyl-phenylether	16.214	248	1635	0.388	ng	#	84
22) Hexachlorobenzene	16.326	284	1869	0.414	ng		100
23) Atrazine	16.487	200	1320	0.359	ng		95
24) Pentachlorophenol	16.661	266	826	0.332	ng		97
25) Phenanthrene	17.046	178	8285	0.380	ng		100
26) Anthracene	17.145	178	7260	0.366	ng		99
28) Fluoranthene	19.077	202	9284	0.356	ng		99
30) Pyrene	19.440	202	9346	0.428	ng		100
32) Benzo(a)anthracene	21.189	228	6946	0.362	ng		99
33) Chrysene	21.242	228	7852	0.387	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	4276	0.362	ng		99
36) Indeno(1,2,3-cd)pyrene	25.617	276	6703	0.375	ng		99
37) Benzo(b)fluoranthene	22.749	252	6706	0.369	ng		98
38) Benzo(k)fluoranthene	22.790	252	7006m	0.391	ng		
39) Benzo(a)pyrene	23.310	252	5568	0.362	ng		96
40) Dibenzo(a,h)anthracene	25.628	278	5102	0.366	ng		100
41) Benzo(g,h,i)perylene	26.289	276	5874	0.388	ng		99

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

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