Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050825\
Data File : BN036980.D
Acq On : 08 May 2025 19:18
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 09 09:35:18 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	1961	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	5278	0.400	ng		#-0.01
13) Acenaphthene-d10	14.277	164	3092	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	6070	0.400	ng		0.00
29) Chrysene-d12	21.215	240	5316	0.400	ng		# 0.00
35) Perylene-d12	23.421	264	5137	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	2198	0.438	ng		0.00
5) Phenol-d6	6.802	99	2721	0.441	ng		0.00
8) Nitrobenzene-d5	8.771	82	2086	0.378	ng		-0.01
11) 2-Methylnaphthalene-d10	12.006	152	3025	0.410	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	504	0.366	ng		0.00
15) 2-Fluorobiphenyl	12.893	172	5148	0.344	ng		0.00
27) Fluoranthene-d10	19.059	212	6379	0.405	ng		0.00
31) Terphenyl-d14	19.663	244	4713	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	991	0.406	ng		94
3) n-Nitrosodimethylamine	3.465	42	1938	0.409	ng		97
6) bis(2-Chloroethyl)ether	7.062	93	2238	0.391	ng		99
9) Naphthalene	10.458	128	6055	0.394	ng		99
10) Hexachlorobutadiene	10.746	225	1338	0.403	ng	#	94
12) 2-Methylnaphthalene	12.077	142	4040	0.407	ng		99
16) Acenaphthylene	13.989	152	5672	0.375	ng		100
17) Acenaphthene	14.331	154	3828	0.386	ng		99
18) Fluorene	15.325	166	4992	0.384	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	484	0.301	ng		82
21) 4-Bromophenyl-phenylether	16.214	248	1501	0.371	ng	#	64
22) Hexachlorobenzene	16.326	284	1692	0.381	ng		98
23) Atrazine	16.500	200	1265	0.387	ng		97
24) Pentachlorophenol	16.673	266	806	0.339	ng		97
25) Phenanthrene	17.058	178	7922	0.395	ng		100
26) Anthracene	17.157	178	6924	0.382	ng		99
28) Fluoranthene	19.086	202	9000	0.401	ng		99
30) Pyrene	19.449	202	9341	0.365	ng		99
32) Benzo(a)anthracene	21.197	228	7569	0.387	ng		99
33) Chrysene	21.251	228	8610	0.408	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	4576	0.411	ng		99
36) Indeno(1,2,3-cd)pyrene	25.634	276	8095	0.386	ng		99
37) Benzo(b)fluoranthene	22.760	252	8128	0.376	ng		99
38) Benzo(k)fluoranthene	22.801	252	8109	0.373	ng		98
39) Benzo(a)pyrene	23.325	252	6835	0.385	ng	#	94
40) Dibenzo(a,h)anthracene	25.649	278	6433	0.390	ng		98
41) Benzo(g,h,i)perylene	26.310	276	6992	0.382	ng		99

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

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