Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037057.D
Acq On : 19 May 2025 22:53
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 19 23:47:21 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.611	152	2299	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	6270	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	3532	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	7168	0.400	ng		# 0.00
29) Chrysene-d12	21.207	240	5669	0.400	ng		# 0.00
35) Perylene-d12	23.404	264	4936	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2191	0.364	ng		0.00
5) Phenol-d6	6.788	99	2688	0.357	ng		0.00
8) Nitrobenzene-d5	8.760	82	2516	0.369	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3621	0.410	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	554	0.357	ng		-0.01
15) 2-Fluorobiphenyl	12.878	172	6252	0.387	ng		0.00
27) Fluoranthene-d10	19.045	212	7660	0.390	ng		0.00
31) Terphenyl-d14	19.649	244	5174	0.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	1039	0.368	ng		93
3) n-Nitrosodimethylamine	3.451	42	2166	0.357	ng	#	95
6) bis(2-Chloroethyl)ether	7.048	93	2646	0.381	ng		98
9) Naphthalene	10.447	128	6981	0.377	ng		98
10) Hexachlorobutadiene	10.735	225	1579	0.406	ng	#	97
12) 2-Methylnaphthalene	12.067	142	4484	0.376	ng		99
16) Acenaphthylene	13.978	152	6393	0.372	ng		100
17) Acenaphthene	14.320	154	4272	0.380	ng		100
18) Fluorene	15.314	166	5611	0.381	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	523	0.380	ng		92
21) 4-Bromophenyl-phenylether	16.202	248	1713	0.378	ng	#	78
22) Hexachlorobenzene	16.314	284	1906	0.393	ng		99
23) Atrazine	16.487	200	1384	0.351	ng		97
24) Pentachlorophenol	16.661	266	912	0.341	ng		97
25) Phenanthrene	17.046	178	8808	0.376	ng		99
26) Anthracene	17.145	178	7601	0.357	ng		100
28) Fluoranthene	19.077	202	9997	0.357	ng		99
30) Pyrene	19.440	202	10087	0.416	ng		100
32) Benzo(a)anthracene	21.189	228	7848	0.368	ng		99
33) Chrysene	21.242	228	8682	0.385	ng		97
34) Bis(2-ethylhexyl)phtha...	21.126	149	4647	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	25.614	276	7290	0.362	ng		99
37) Benzo(b)fluoranthene	22.746	252	7686	0.375	ng		99
38) Benzo(k)fluoranthene	22.790	252	7992	0.395	ng		99
39) Benzo(a)pyrene	23.307	252	6336	0.365	ng		98
40) Dibenzo(a,h)anthracene	25.629	278	5682	0.362	ng		99
41) Benzo(g,h,i)perylene	26.286	276	6297	0.369	ng		99

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

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