Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052925\
Data File : BN037128.D
Acq On : 29 May 2025 10:07
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 29 11:46:14 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	7.604	152	2387	0.400	ng		-0.01
7) Naphthalene-d8	10.383	136	6582	0.400	ng		-0.02
13) Acenaphthene-d10	14.256	164	3682	0.400	ng		-0.01
19) Phenanthrene-d10	16.996	188	6656	0.400	ng		-0.01
29) Chrysene-d12	21.198	240	4500	0.400	ng		# 0.00
35) Perylene-d12	23.392	264	3905	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	2247	0.359	ng		-0.01
5) Phenol-d6	6.781	99	2766	0.353	ng		-0.01
8) Nitrobenzene-d5	8.749	82	2683	0.374	ng		-0.02
11) 2-Methylnaphthalene-d10	11.981	152	3798	0.410	ng		-0.02
14) 2,4,6-Tribromophenol	15.755	330	522	0.323	ng		-0.01
15) 2-Fluorobiphenyl	12.873	172	6620	0.393	ng		-0.02
27) Fluoranthene-d10	19.040	212	6590	0.361	ng		0.00
31) Terphenyl-d14	19.644	244	4257	0.442	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	1115	0.381	ng		95
3) n-Nitrosodimethylamine	3.451	42	2397	0.381	ng	#	91
6) bis(2-Chloroethyl)ether	7.041	93	2805	0.389	ng		98
9) Naphthalene	10.436	128	7303	0.375	ng		98
10) Hexachlorobutadiene	10.725	225	1617	0.396	ng	#	100
12) 2-Methylnaphthalene	12.057	142	4625	0.370	ng		99
16) Acenaphthylene	13.967	152	6514	0.363	ng		100
17) Acenaphthene	14.320	154	4370	0.373	ng		99
18) Fluorene	15.304	166	5520	0.359	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	491	0.384	ng		92
21) 4-Bromophenyl-phenylether	16.202	248	1638	0.390	ng		96
22) Hexachlorobenzene	16.314	284	1860	0.413	ng		98
23) Atrazine	16.475	200	1309	0.357	ng		97
24) Pentachlorophenol	16.661	266	836	0.337	ng		98
25) Phenanthrene	17.046	178	8191	0.377	ng		99
26) Anthracene	17.133	178	7026	0.355	ng		99
28) Fluoranthene	19.068	202	8637	0.332	ng		99
30) Pyrene	19.430	202	8591	0.446	ng		99
32) Benzo(a)anthracene	21.180	228	6109	0.361	ng		99
33) Chrysene	21.233	228	6811	0.380	ng		97
34) Bis(2-ethylhexyl)phtha...	21.126	149	3761	0.361	ng		99
36) Indeno(1,2,3-cd)pyrene	25.596	276	6266	0.393	ng		97
37) Benzo(b)fluoranthene	22.737	252	6045	0.373	ng		97
38) Benzo(k)fluoranthene	22.778	252	6392	0.400	ng		97
39) Benzo(a)pyrene	23.298	252	5247	0.382	ng	#	93
40) Dibenzo(a,h)anthracene	25.608	278	4793	0.386	ng		99
41) Benzo(g,h,i)perylene	26.266	276	5529	0.410	ng		99

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

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