Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052925\
Data File : BN037131.D
Acq On : 29 May 2025 12:51
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 13:17:57 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	2551	0.400	ng		-0.01
7) Naphthalene-d8	10.383	136	6694	0.400	ng		-0.02
13) Acenaphthene-d10	14.256	164	3527	0.400	ng		-0.01
19) Phenanthrene-d10	16.996	188	6025	0.400	ng		-0.01
29) Chrysene-d12	21.198	240	4226	0.400	ng		0.00
35) Perylene-d12	23.398	264	4247	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	2458	0.368	ng		-0.01
5) Phenol-d6	6.781	99	2907	0.348	ng		-0.01
8) Nitrobenzene-d5	8.749	82	2739	0.376	ng		-0.02
11) 2-Methylnaphthalene-d10	11.981	152	3795	0.403	ng		-0.02
14) 2,4,6-Tribromophenol	15.755	330	512	0.331	ng		-0.01
15) 2-Fluorobiphenyl	12.873	172	5946	0.368	ng		-0.02
27) Fluoranthene-d10	19.040	212	5903	0.357	ng		0.00
31) Terphenyl-d14	19.649	244	3887	0.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.133	88	1187	0.379	ng		97
3) n-Nitrosodimethylamine	3.451	42	2611	0.388	ng	#	91
6) bis(2-Chloroethyl)ether	7.033	93	2925	0.380	ng		98
9) Naphthalene	10.436	128	7383	0.373	ng		98
10) Hexachlorobutadiene	10.725	225	1680	0.405	ng	#	98
12) 2-Methylnaphthalene	12.057	142	4654	0.366	ng		99
16) Acenaphthylene	13.967	152	6217	0.362	ng		100
17) Acenaphthene	14.320	154	4181	0.373	ng		98
18) Fluorene	15.304	166	5205	0.354	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	471	0.404	ng		88
21) 4-Bromophenyl-phenylether	16.202	248	1524	0.400	ng		96
22) Hexachlorobenzene	16.314	284	1684	0.413	ng		97
23) Atrazine	16.475	200	1175	0.354	ng		98
24) Pentachlorophenol	16.661	266	760	0.338	ng		96
25) Phenanthrene	17.046	178	7369	0.374	ng		99
26) Anthracene	17.133	178	6423	0.358	ng		99
28) Fluoranthene	19.073	202	7686	0.327	ng		99
30) Pyrene	19.435	202	7791	0.431	ng		100
32) Benzo(a)anthracene	21.180	228	5733	0.360	ng		98
33) Chrysene	21.233	228	6542	0.389	ng		98
34) Bis(2-ethylhexyl)phtha...	21.126	149	3396	0.347	ng		99
36) Indeno(1,2,3-cd)pyrene	25.605	276	7187	0.414	ng		98
37) Benzo(b)fluoranthene	22.743	252	6394	0.363	ng		96
38) Benzo(k)fluoranthene	22.784	252	6552	0.377	ng		99
39) Benzo(a)pyrene	23.304	252	5550	0.371	ng	#	94
40) Dibenzo(a,h)anthracene	25.614	278	5470	0.405	ng		98
41) Benzo(g,h,i)perylene	26.278	276	6291	0.429	ng		100

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

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