Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037110.D
Acq On : 28 May 2025 15:54
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 28 17:04:58 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	1840	0.400	ng		-0.01
7) Naphthalene-d8	10.383	136	4915	0.400	ng		#-0.02
13) Acenaphthene-d10	14.256	164	2757	0.400	ng		-0.01
19) Phenanthrene-d10	16.996	188	5123	0.400	ng		-0.01
29) Chrysene-d12	21.197	240	3408	0.400	ng		0.00
35) Perylene-d12	23.398	264	2953	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	1734	0.360	ng		-0.01
5) Phenol-d6	6.780	99	2059	0.341	ng		-0.01
8) Nitrobenzene-d5	8.749	82	2019	0.377	ng		-0.02
11) 2-Methylnaphthalene-d10	11.986	152	2841	0.411	ng		-0.01
14) 2,4,6-Tribromophenol	15.755	330	450	0.372	ng		-0.01
15) 2-Fluorobiphenyl	12.873	172	4896	0.388	ng		-0.02
27) Fluoranthene-d10	19.040	212	5130	0.365	ng		0.00
31) Terphenyl-d14	19.649	244	3366	0.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.133	88	880	0.390	ng		95
3) n-Nitrosodimethylamine	3.451	42	1978	0.408	ng	#	87
6) bis(2-Chloroethyl)ether	7.040	93	2027	0.365	ng		99
9) Naphthalene	10.436	128	5450	0.375	ng		99
10) Hexachlorobutadiene	10.724	225	1254	0.411	ng	#	100
12) 2-Methylnaphthalene	12.057	142	3561	0.381	ng		99
16) Acenaphthylene	13.967	152	5016	0.374	ng		100
17) Acenaphthene	14.320	154	3315	0.378	ng		99
18) Fluorene	15.304	166	4318	0.375	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	390	0.395	ng		90
21) 4-Bromophenyl-phenylether	16.202	248	1297	0.401	ng		99
22) Hexachlorobenzene	16.313	284	1450	0.419	ng		97
23) Atrazine	16.475	200	1071	0.380	ng		96
24) Pentachlorophenol	16.661	266	635	0.333	ng		96
25) Phenanthrene	17.046	178	6328	0.378	ng		99
26) Anthracene	17.133	178	5559	0.365	ng		99
28) Fluoranthene	19.068	202	6735	0.337	ng		99
30) Pyrene	19.435	202	6623	0.454	ng		100
32) Benzo(a)anthracene	21.188	228	4757	0.371	ng		99
33) Chrysene	21.233	228	5169	0.381	ng		100
34) Bis(2-ethylhexyl)phtha...	21.126	149	2999	0.380	ng		100
36) Indeno(1,2,3-cd)pyrene	25.605	276	4735	0.393	ng		97
37) Benzo(b)fluoranthene	22.743	252	4529	0.370	ng		97
38) Benzo(k)fluoranthene	22.784	252	4726	0.391	ng		97
39) Benzo(a)pyrene	23.304	252	3803	0.366	ng		95
40) Dibenzo(a,h)anthracene	25.623	278	3725	0.397	ng		97
41) Benzo(g,h,i)perylene	26.275	276	4250	0.416	ng		98

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

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