Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
Data File : BN037170.D
Acq On : 04 Jun 2025 13:53
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 04 15:06:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	2031	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	5192	0.400	ng		0.00
13) Acenaphthene-d10	14.234	164	2697	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	4649	0.400	ng		0.00
29) Chrysene-d12	21.189	240	3263	0.400	ng		0.00
35) Perylene-d12	23.380	264	3274	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	2018	0.402	ng		0.00
5) Phenol-d6	6.766	99	2356	0.387	ng		0.00
8) Nitrobenzene-d5	8.739	82	2233	0.408	ng		0.00
11) 2-Methylnaphthalene-d10	11.965	152	2848	0.394	ng		0.00
14) 2,4,6-Tribromophenol	15.742	330	376	0.346	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	4504	0.392	ng		0.00
27) Fluoranthene-d10	19.026	212	4375	0.370	ng		0.00
31) Terphenyl-d14	19.635	244	2840	0.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	1053	0.389	ng		99
3) n-Nitrosodimethylamine	3.437	42	2224	0.409	ng		99
6) bis(2-Chloroethyl)ether	7.019	93	2331	0.401	ng		99
9) Naphthalene	10.415	128	5805	0.388	ng		99
10) Hexachlorobutadiene	10.714	225	1314	0.403	ng	#	100
12) 2-Methylnaphthalene	12.041	142	3503	0.365	ng		99
16) Acenaphthylene	13.957	152	4763	0.360	ng		99
17) Acenaphthene	14.299	154	3112	0.362	ng		100
18) Fluorene	15.293	166	3916	0.347	ng		99
20) 4,6-Dinitro-2-methylph...	15.389	198	352	0.533	ng	#	68
21) 4-Bromophenyl-phenylether	16.189	248	1125	0.369	ng		97
22) Hexachlorobenzene	16.301	284	1292	0.393	ng		98
23) Atrazine	16.462	200	860	0.342	ng		97
24) Pentachlorophenol	16.649	266	556	0.498	ng		94
25) Phenanthrene	17.033	178	5523	0.367	ng		100
26) Anthracene	17.120	178	4786	0.348	ng		99
28) Fluoranthene	19.054	202	5703	0.343	ng		99
30) Pyrene	19.421	202	5676	0.356	ng		100
32) Benzo(a)anthracene	21.171	228	4236	0.359	ng		99
33) Chrysene	21.224	228	4921	0.374	ng		99
34) Bis(2-ethylhexyl)phtha...	21.117	149	2530	0.339	ng		100
36) Indeno(1,2,3-cd)pyrene	25.579	276	5129	0.394	ng		99
37) Benzo(b)fluoranthene	22.722	252	4536	0.343	ng		98
38) Benzo(k)fluoranthene	22.766	252	4814	0.357	ng		98
39) Benzo(a)pyrene	23.284	252	3913	0.353	ng		98
40) Dibenzo(a,h)anthracene	25.590	278	4067	0.405	ng		99
41) Benzo(g,h,i)perylene	26.242	276	4602	0.399	ng		100

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

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