Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037136.D
Acq On : 02 Jun 2025 17:34
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 03 05:32:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:42:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	1619	0.400	ng		0.00
7) Naphthalene-d8	10.383	136	4186	0.400	ng		0.00
13) Acenaphthene-d10	14.245	164	2605	0.400	ng		0.00
19) Phenanthrene-d10	16.996	188	5457	0.400	ng		0.00
29) Chrysene-d12	21.189	240	4323	0.400	ng		0.00
35) Perylene-d12	23.380	264	3841	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	3065	0.760	ng		0.00
5) Phenol-d6	6.780	99	3763	0.750	ng		0.00
8) Nitrobenzene-d5	8.749	82	3421	0.768	ng		0.00
11) 2-Methylnaphthalene-d10	11.981	152	4661	0.779	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	943	0.770	ng		0.00
15) 2-Fluorobiphenyl	12.868	172	8217	0.761	ng		0.00
27) Fluoranthene-d10	19.031	212	11304	0.766	ng		0.00
31) Terphenyl-d14	19.635	244	8040	0.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	1638	0.751	ng		96
3) n-Nitrosodimethylamine	3.444	42	3449	0.813	ng	#	99
6) bis(2-Chloroethyl)ether	7.033	93	3580	0.789	ng		97
9) Naphthalene	10.426	128	9329	0.775	ng		97
10) Hexachlorobutadiene	10.725	225	2030	0.786	ng	#	99
12) 2-Methylnaphthalene	12.052	142	6265	0.785	ng		98
16) Acenaphthylene	13.967	152	9726	0.768	ng		99
17) Acenaphthene	14.309	154	6380	0.774	ng		98
18) Fluorene	15.304	166	8751	0.772	ng		99
20) 4,6-Dinitro-2-methylph...	15.389	198	997	0.736	ng	#	53
21) 4-Bromophenyl-phenylether	16.189	248	2714	0.785	ng	#	64
22) Hexachlorobenzene	16.301	284	2967	0.786	ng		100
23) Atrazine	16.475	200	2443	0.781	ng		96
24) Pentachlorophenol	16.649	266	1548	0.754	ng		99
25) Phenanthrene	17.033	178	13765	0.780	ng		100
26) Anthracene	17.120	178	12676	0.782	ng		100
28) Fluoranthene	19.059	202	16116	0.774	ng		100
30) Pyrene	19.426	202	16177	0.790	ng		100
32) Benzo(a)anthracene	21.171	228	12291	0.783	ng		100
33) Chrysene	21.224	228	13624	0.782	ng		98
34) Bis(2-ethylhexyl)phtha...	21.117	149	8519	0.761	ng		99
36) Indeno(1,2,3-cd)pyrene	25.585	276	11192	0.794	ng		98
37) Benzo(b)fluoranthene	22.725	252	12352	0.786	ng		93
38) Benzo(k)fluoranthene	22.769	252	12251	0.777	ng		94
39) Benzo(a)pyrene	23.287	252	10076	0.775	ng	#	90
40) Dibenzo(a,h)anthracene	25.596	278	8128	0.770	ng		94
41) Benzo(g,h,i)perylene	26.254	276	10019	0.796	ng		96

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

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