Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036986.D
Acq On : 12 May 2025 16:07
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 12 17:53:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 12 17:44:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.625	152	1916	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	4821	0.40	ng		0.00
13) Acenaphthene-d10	14.267	164	2810	0.40	ng		0.00
19) Phenanthrene-d10	17.009	188	5692	0.40	ng		0.00
29) Chrysene-d12	21.206	240	4903	0.40	ng		0.00
35) Perylene-d12	23.415	264	4252	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	7920	1.60	ng		0.00
5) Phenol-d6	6.795	99	9795	1.64	ng		0.00
8) Nitrobenzene-d5	8.771	82	8749	1.72	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	11533	1.70	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	2159	1.68	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	22247	1.70	ng		0.00
27) Fluoranthene-d10	19.049	212	25587	1.65	ng		0.00
31) Terphenyl-d14	19.658	244	18495	1.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	4055	1.63	ng		98
3) n-Nitrosodimethylamine	3.451	42	8346	1.65	ng		99
6) bis(2-Chloroethyl)ether	7.055	93	9401	1.69	ng		99
9) Naphthalene	10.447	128	23450	1.67	ng		97
10) Hexachlorobutadiene	10.746	225	4985	1.66	ng	#	100
12) 2-Methylnaphthalene	12.072	142	15597	1.72	ng		98
16) Acenaphthylene	13.989	152	23271	1.69	ng		99
17) Acenaphthene	14.331	154	15270	1.69	ng		98
18) Fluorene	15.325	166	20324	1.68	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	2596	1.78	ng	#	86
21) 4-Bromophenyl-phenylether	16.214	248	6197	1.68	ng		95
22) Hexachlorobenzene	16.326	284	6544	1.65	ng		99
23) Atrazine	16.487	200	5449	1.67	ng		93
24) Pentachlorophenol	16.673	266	3665	1.67	ng		97
25) Phenanthrene	17.058	178	31199	1.67	ng		99
26) Anthracene	17.145	178	28988	1.70	ng		100
28) Fluoranthene	19.082	202	37228	1.69	ng		99
30) Pyrene	19.444	202	37493	1.68	ng		99
32) Benzo(a)anthracene	21.198	228	31666	1.71	ng		98
33) Chrysene	21.242	228	32666	1.67	ng		99
34) Bis(2-ethylhexyl)phtha...	21.135	149	18017	1.58	ng		99
36) Indeno(1,2,3-cd)pyrene	25.626	276	28269	1.68	ng		97
37) Benzo(b)fluoranthene	22.755	252	30288	1.71	ng	#	91
38) Benzo(k)fluoranthene	22.795	252	30597	1.74	ng	#	91
39) Benzo(a)pyrene	23.319	252	25092	1.70	ng	#	84
40) Dibenzo(a,h)anthracene	25.637	278	22229	1.70	ng	#	91
41) Benzo(g,h,i)perylene	26.298	276	24121	1.66	ng		95

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

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