Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036985.D
Acq On : 12 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 12 17:53:01 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	2168	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	5452	0.40	ng		0.00
13) Acenaphthene-d10	14.267	164	3026	0.40	ng		0.00
19) Phenanthrene-d10	17.009	188	5991	0.40	ng		0.00
29) Chrysene-d12	21.206	240	4976	0.40	ng		0.00
35) Perylene-d12	23.415	264	4312	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	4244	0.76	ng		0.00
5) Phenol-d6	6.795	99	5081	0.75	ng		0.00
8) Nitrobenzene-d5	8.771	82	4479	0.78	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	5886	0.77	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	1024	0.74	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	11371	0.80	ng		0.00
27) Fluoranthene-d10	19.049	212	12477	0.77	ng		0.00
31) Terphenyl-d14	19.658	244	8901	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	2215	0.79	ng		97
3) n-Nitrosodimethylamine	3.458	42	4483	0.78	ng		99
6) bis(2-Chloroethyl)ether	7.055	93	4908	0.78	ng		99
9) Naphthalene	10.447	128	12202	0.77	ng		98
10) Hexachlorobutadiene	10.746	225	2624	0.77	ng	#	98
12) 2-Methylnaphthalene	12.072	142	7878	0.77	ng		99
16) Acenaphthylene	13.989	152	11407	0.77	ng		99
17) Acenaphthene	14.331	154	7488	0.77	ng		99
18) Fluorene	15.325	166	10074	0.77	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	1195	0.78	ng	#	93
21) 4-Bromophenyl-phenylether	16.214	248	3076	0.79	ng		95
22) Hexachlorobenzene	16.326	284	3239	0.78	ng		98
23) Atrazine	16.487	200	2599	0.76	ng		96
24) Pentachlorophenol	16.673	266	1752	0.76	ng		97
25) Phenanthrene	17.058	178	15515	0.79	ng		99
26) Anthracene	17.145	178	13912	0.77	ng		100
28) Fluoranthene	19.082	202	17871	0.77	ng		99
30) Pyrene	19.444	202	17953	0.79	ng		99
32) Benzo(a)anthracene	21.197	228	14621	0.78	ng		99
33) Chrysene	21.242	228	15456	0.78	ng		99
34) Bis(2-ethylhexyl)phtha...	21.135	149	8135	0.70	ng		99
36) Indeno(1,2,3-cd)pyrene	25.623	276	13295	0.78	ng		98
37) Benzo(b)fluoranthene	22.754	252	13742	0.76	ng		94
38) Benzo(k)fluoranthene	22.798	252	13773	0.77	ng		94
39) Benzo(a)pyrene	23.316	252	11335	0.76	ng	#	89
40) Dibenzo(a,h)anthracene	25.640	278	10442	0.79	ng		93
41) Benzo(g,h,i)perylene	26.301	276	11500	0.78	ng		97

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

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