Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036989.D
Acq On : 12 May 2025 17:55
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN051225

Quant Time: May 12 18:21:01 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 18:05:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.618	152	2868	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	7598	0.40	ng		0.00
13) Acenaphthene-d10	14.267	164	4289	0.40	ng		0.00
19) Phenanthrene-d10	17.009	188	8773	0.40	ng		0.00
29) Chrysene-d12	21.206	240	7998	0.40	ng	#	0.00
35) Perylene-d12	23.409	264	7407	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	2612	0.35	ng		0.00
5) Phenol-d6	6.795	99	3280	0.37	ng		0.00
8) Nitrobenzene-d5	8.771	82	3257	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	4369	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	635	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	7553	0.38	ng		0.00
27) Fluoranthene-d10	19.049	212	9501	0.40	ng		0.00
31) Terphenyl-d14	19.658	244	7109	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	1490	0.41	ng		94
3) n-Nitrosodimethylamine	3.458	42	2885	0.38	ng	#	91
6) bis(2-Chloroethyl)ether	7.055	93	3618	0.44	ng		99
9) Naphthalene	10.447	128	8757	0.40	ng		99
10) Hexachlorobutadiene	10.746	225	1870	0.39	ng	#	98
12) 2-Methylnaphthalene	12.072	142	5190	0.36	ng		99
16) Acenaphthylene	13.989	152	8800	0.42	ng		99
17) Acenaphthene	14.331	154	5323	0.39	ng		99
18) Fluorene	15.325	166	7134	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	794	0.35	ng	#	82
21) 4-Bromophenyl-phenylether	16.214	248	2169	0.38	ng		96
22) Hexachlorobenzene	16.326	284	2332	0.38	ng		98
23) Atrazine	16.487	200	2028	0.40	ng		95
24) Pentachlorophenol	16.673	266	1155	0.34	ng		96
25) Phenanthrene	17.058	178	11462	0.40	ng		99
26) Anthracene	17.145	178	10393	0.39	ng		99
28) Fluoranthene	19.082	202	13067	0.39	ng		99
30) Pyrene	19.444	202	13193	0.36	ng		100
32) Benzo(a)anthracene	21.189	228	11952	0.39	ng		98
33) Chrysene	21.242	228	12508	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.135	149	6961	0.37	ng		100
36) Indeno(1,2,3-cd)pyrene	25.620	276	12234	0.42	ng		98
37) Benzo(b)fluoranthene	22.749	252	11911	0.39	ng		96
38) Benzo(k)fluoranthene	22.793	252	12254	0.40	ng		96
39) Benzo(a)pyrene	23.313	252	10834	0.42	ng		92
40) Dibenzo(a,h)anthracene	25.637	278	9338	0.41	ng		94
41) Benzo(g,h,i)perylene	26.292	276	9926	0.39	ng		98

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

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