Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037227.D
Acq On : 13 Jun 2025 14:46
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jun 13 18:37:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:34:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	1287	0.400	ng		0.00
7) Naphthalene-d8	10.361	136	3210	0.400	ng		0.00
13) Acenaphthene-d10	14.224	164	1738	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	3195	0.400	ng		0.00
29) Chrysene-d12	21.179	240	2284	0.400	ng		0.00
35) Perylene-d12	23.365	264	2150	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	1212	0.383	ng		0.00
5) Phenol-d6	6.759	99	1239	0.372	ng		0.00
8) Nitrobenzene-d5	8.728	82	1234	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	11.955	152	1787	0.415	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	298	0.413	ng		0.00
15) 2-Fluorobiphenyl	12.848	172	2952	0.404	ng		0.00
27) Fluoranthene-d10	19.017	212	3364	0.402	ng		0.00
31) Terphenyl-d14	19.625	244	2160	0.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	676	0.383	ng		100
3) n-Nitrosodimethylamine	3.422	42	1644	0.409	ng		100
6) bis(2-Chloroethyl)ether	7.011	93	1120	0.375	ng		100
9) Naphthalene	10.404	128	3636	0.391	ng		100
10) Hexachlorobutadiene	10.692	225	968	0.428	ng	#	100
12) 2-Methylnaphthalene	12.031	142	2261	0.400	ng		100
16) Acenaphthylene	13.946	152	3250	0.382	ng		100
17) Acenaphthene	14.288	154	2155	0.392	ng		100
18) Fluorene	15.282	166	2768	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	211	0.368	ng		100
21) 4-Bromophenyl-phenylether	16.177	248	780	0.375	ng		100
22) Hexachlorobenzene	16.289	284	994	0.412	ng		100
23) Atrazine	16.462	200	710	0.382	ng		100
24) Pentachlorophenol	16.636	266	397	0.336	ng		100
25) Phenanthrene	17.021	178	3790	0.374	ng		100
26) Anthracene	17.108	178	3450	0.372	ng		100
28) Fluoranthene	19.045	202	4510	0.380	ng		100
30) Pyrene	19.412	202	4482	0.417	ng		100
32) Benzo(a)anthracene	21.162	228	2798	0.363	ng		100
33) Chrysene	21.215	228	3871	0.403	ng		100
34) Bis(2-ethylhexyl)phtha...	21.108	149	2338	0.407	ng		100
36) Indeno(1,2,3-cd)pyrene	25.561	276	3239	0.374	ng		100
37) Benzo(b)fluoranthene	22.713	252	2958	0.376	ng		100
38) Benzo(k)fluoranthene	22.754	252	3501	0.388	ng		100
39) Benzo(a)pyrene	23.272	252	2653	0.375	ng		100
40) Dibenzo(a,h)anthracene	25.573	278	2256	0.345	ng		100
41) Benzo(g,h,i)perylene	26.222	276	3099	0.385	ng		100

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

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