Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037388.D
Acq On : 26 Jun 2025 11:53
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jun 26 14:43:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 14:40:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	2117	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4565	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	3048	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	6284	0.400	ng		0.00
29) Chrysene-d12	21.162	240	5612	0.400	ng		0.00
35) Perylene-d12	23.345	264	5950	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	1703	0.417	ng		0.00
5) Phenol-d6	6.744	99	1720	0.407	ng		0.00
8) Nitrobenzene-d5	8.717	82	1419	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	2629	0.372	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	729	0.408	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	5253	0.399	ng		0.00
27) Fluoranthene-d10	19.003	212	6680	0.371	ng		0.00
31) Terphenyl-d14	19.616	244	4873	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	781	0.412	ng		100
3) n-Nitrosodimethylamine	3.422	42	792	0.399	ng		100
6) bis(2-Chloroethyl)ether	6.997	93	1521	0.404	ng		100
9) Naphthalene	10.394	128	4559	0.388	ng		100
10) Hexachlorobutadiene	10.682	225	1887	0.405	ng	#	100
12) 2-Methylnaphthalene	12.016	142	3122	0.386	ng		100
16) Acenaphthylene	13.935	152	4804	0.380	ng		100
17) Acenaphthene	14.277	154	3185	0.386	ng		100
18) Fluorene	15.272	166	4498	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	535	0.331	ng		100
21) 4-Bromophenyl-phenylether	16.165	248	1694	0.382	ng		100
22) Hexachlorobenzene	16.276	284	1899	0.398	ng		100
23) Atrazine	16.450	200	1336	0.380	ng		100
24) Pentachlorophenol	16.624	266	973	0.378	ng		99
25) Phenanthrene	17.009	178	6787	0.383	ng		100
26) Anthracene	17.096	178	6087	0.374	ng		100
28) Fluoranthene	19.031	202	8557	0.378	ng		100
30) Pyrene	19.398	202	8607	0.405	ng		100
32) Benzo(a)anthracene	21.144	228	6549	0.371	ng		100
33) Chrysene	21.198	228	8883	0.407	ng		100
34) Bis(2-ethylhexyl)phtha...	21.090	149	2830	0.405	ng		100
36) Indeno(1,2,3-cd)pyrene	25.529	276	9382	0.374	ng		100
37) Benzo(b)fluoranthene	22.696	252	7840	0.374	ng		100
38) Benzo(k)fluoranthene	22.740	252	8696	0.388	ng		100
39) Benzo(a)pyrene	23.252	252	7038	0.377	ng		100
40) Dibenzo(a,h)anthracene	25.547	278	7205	0.374	ng		100
41) Benzo(g,h,i)perylene	26.190	276	8788	0.382	ng		100

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

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