Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
Data File : BN037417.D
Acq On : 27 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 27 10:47:49 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 16:06:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152	1790	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	3949	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	2792	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	6217	0.400	ng		0.00
29) Chrysene-d12	21.162	240	6164	0.400	ng		0.00
35) Perylene-d12	23.345	264	6622	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.155	112	1420	0.412	ng		0.00
5) Phenol-d6	6.744	99	1401	0.392	ng		0.00
8) Nitrobenzene-d5	8.707	82	1172	0.370	ng		-0.01
11) 2-Methylnaphthalene-d10	11.940	152	2284	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	684	0.418	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	4660	0.387	ng		0.00
27) Fluoranthene-d10	18.998	212	7000	0.393	ng		0.00
31) Terphenyl-d14	19.611	244	5266	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	657	0.387	ng		94
3) n-Nitrosodimethylamine	3.415	42	655	0.391	ng	#	97
6) bis(2-Chloroethyl)ether	6.997	93	1138	0.358	ng		92
9) Naphthalene	10.383	128	3943	0.388	ng		99
10) Hexachlorobutadiene	10.671	225	1635	0.405	ng	#	100
12) 2-Methylnaphthalene	12.011	142	2704	0.386	ng		99
16) Acenaphthylene	13.924	152	4415	0.381	ng		98
17) Acenaphthene	14.277	154	2916	0.386	ng		99
18) Fluorene	15.272	166	4204	0.394	ng		99
20) 4,6-Dinitro-2-methylph...	15.368	198	427	0.267	ng		90
21) 4-Bromophenyl-phenylether	16.165	248	1691	0.386	ng		95
22) Hexachlorobenzene	16.276	284	1840	0.390	ng		98
23) Atrazine	16.438	200	1277	0.368	ng	#	94
24) Pentachlorophenol	16.624	266	952	0.374	ng		97
25) Phenanthrene	16.996	178	6626	0.378	ng		100
26) Anthracene	17.095	178	5931	0.368	ng		99
28) Fluoranthene	19.031	202	8900	0.398	ng		99
30) Pyrene	19.393	202	9051	0.388	ng		100
32) Benzo(a)anthracene	21.144	228	7188	0.371	ng		99
33) Chrysene	21.198	228	9810	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.090	149	3108	0.405	ng		99
36) Indeno(1,2,3-cd)pyrene	25.526	276	10251	0.367	ng	#	95
37) Benzo(b)fluoranthene	22.693	252	8842	0.379	ng		100
38) Benzo(k)fluoranthene	22.737	252	9995	0.401	ng		99
39) Benzo(a)pyrene	23.252	252	7817	0.376	ng		97
40) Dibenzo(a,h)anthracene	25.544	278	8118	0.378	ng		98
41) Benzo(g,h,i)perylene	26.190	276	9826	0.383	ng		99

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

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