Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037323.D
Acq On : 18 Jun 2025 21:26
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 19 02:40:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	749	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	1639	0.400	ng		0.00
13) Acenaphthene-d10	14.224	164	1188	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2584	0.400	ng		0.00
29) Chrysene-d12	21.171	240	2436	0.400	ng		0.00
35) Perylene-d12	23.357	264	2490	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	541	0.397	ng		0.00
5) Phenol-d6	6.752	99	543	0.406	ng		0.00
8) Nitrobenzene-d5	8.717	82	552	0.404	ng		-0.01
11) 2-Methylnaphthalene-d10	11.950	152	1148	0.431	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	346	0.395	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	2132	0.410	ng		0.00
27) Fluoranthene-d10	19.008	212	3241	0.396	ng		0.00
31) Terphenyl-d14	19.621	244	2275	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	280	0.419	ng		95
3) n-Nitrosodimethylamine	3.422	42	311	0.401	ng		96
6) bis(2-Chloroethyl)ether	7.012	93	471	0.411	ng		96
9) Naphthalene	10.394	128	1693	0.399	ng		96
10) Hexachlorobutadiene	10.682	225	863	0.402	ng	#	99
12) 2-Methylnaphthalene	12.026	142	1182	0.396	ng		97
16) Acenaphthylene	13.935	152	1936	0.387	ng		97
17) Acenaphthene	14.277	154	1318	0.397	ng		99
18) Fluorene	15.272	166	1868	0.397	ng		98
20) 4,6-Dinitro-2-methylph...	15.378	198	270	0.340	ng	#	80
21) 4-Bromophenyl-phenylether	16.177	248	800	0.373	ng		95
22) Hexachlorobenzene	16.276	284	908	0.404	ng		98
23) Atrazine	16.450	200	634	0.378	ng		95
24) Pentachlorophenol	16.624	266	469	0.377	ng		98
25) Phenanthrene	17.009	178	2811	0.386	ng		99
26) Anthracene	17.108	178	2637	0.386	ng		97
28) Fluoranthene	19.040	202	3788	0.375	ng		99
30) Pyrene	19.403	202	3822	0.412	ng		99
32) Benzo(a)anthracene	21.153	228	3018	0.385	ng		98
33) Chrysene	21.207	228	3928	0.392	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	1354	0.421	ng		99
36) Indeno(1,2,3-cd)pyrene	25.541	276	4252	0.406	ng	#	96
37) Benzo(b)fluoranthene	22.705	252	3587	0.412	ng		99
38) Benzo(k)fluoranthene	22.749	252	3862	0.404	ng		97
39) Benzo(a)pyrene	23.263	252	3253	0.404	ng		96
40) Dibenzo(a,h)anthracene	25.561	278	3199	0.380	ng		90
41) Benzo(g,h,i)perylene	26.210	276	3822	0.398	ng		98

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

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