Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037172.D
Acq On : 05 Jun 2025 09:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 05 11:15:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	2188	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	5634	0.400	ng		0.00
13) Acenaphthene-d10	14.234	164	3073	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5620	0.400	ng		0.00
29) Chrysene-d12	21.188	240	3619	0.400	ng		0.00
35) Perylene-d12	23.374	264	3205	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	2022	0.374	ng		0.00
5) Phenol-d6	6.766	99	2444	0.373	ng		0.00
8) Nitrobenzene-d5	8.739	82	2375	0.400	ng		0.00
11) 2-Methylnaphthalene-d10	11.965	152	3116	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	438	0.354	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	5154	0.393	ng		0.00
27) Fluoranthene-d10	19.026	212	5176	0.362	ng		0.00
31) Terphenyl-d14	19.630	244	3249	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	1098	0.376	ng		99
3) n-Nitrosodimethylamine	3.436	42	2207	0.377	ng	#	96
6) bis(2-Chloroethyl)ether	7.026	93	2471	0.395	ng		98
9) Naphthalene	10.415	128	6295	0.387	ng		99
10) Hexachlorobutadiene	10.714	225	1395	0.394	ng	#	98
12) 2-Methylnaphthalene	12.041	142	3867	0.371	ng		98
16) Acenaphthylene	13.956	152	5318	0.353	ng		99
17) Acenaphthene	14.299	154	3492	0.357	ng		99
18) Fluorene	15.293	166	4545	0.353	ng		99
20) 4,6-Dinitro-2-methylph...	15.378	198	366	0.497	ng		85
21) 4-Bromophenyl-phenylether	16.189	248	1333	0.362	ng		94
22) Hexachlorobenzene	16.301	284	1545	0.389	ng		98
23) Atrazine	16.462	200	1029	0.338	ng		96
24) Pentachlorophenol	16.649	266	652	0.489	ng		99
25) Phenanthrene	17.021	178	6507	0.357	ng		100
26) Anthracene	17.120	178	5663	0.341	ng		99
28) Fluoranthene	19.054	202	6745	0.335	ng		100
30) Pyrene	19.416	202	6680	0.378	ng		100
32) Benzo(a)anthracene	21.171	228	4612	0.352	ng		98
33) Chrysene	21.224	228	5327	0.365	ng		100
34) Bis(2-ethylhexyl)phtha...	21.108	149	2897	0.350	ng		100
36) Indeno(1,2,3-cd)pyrene	25.576	276	4861	0.381	ng		99
37) Benzo(b)fluoranthene	22.722	252	4620	0.357	ng		97
38) Benzo(k)fluoranthene	22.766	252	4861	0.368	ng		99
39) Benzo(a)pyrene	23.281	252	3883	0.358	ng		97
40) Dibenzo(a,h)anthracene	25.590	278	3755	0.382	ng		99
41) Benzo(g,h,i)perylene	26.239	276	4344	0.385	ng		98

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

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