Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
Data File : BN037074.D
Acq On : 20 May 2025 15:09
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 21 01:37:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.611	152	2240	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	6230	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	3461	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	6762	0.400	ng	#	0.00
29) Chrysene-d12	21.207	240	4645	0.400	ng	#	0.00
35) Perylene-d12	23.407	264	3820	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2159	0.368	ng		0.00
5) Phenol-d6	6.788	99	2684	0.366	ng		0.00
8) Nitrobenzene-d5	8.760	82	2503	0.369	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3567	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	530	0.349	ng		-0.01
15) 2-Fluorobiphenyl	12.878	172	6223	0.393	ng		0.00
27) Fluoranthene-d10	19.045	212	6828	0.368	ng		0.00
31) Terphenyl-d14	19.649	244	4368	0.440	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	1094	0.398	ng		95
3) n-Nitrosodimethylamine	3.451	42	2265	0.384	ng	#	95
6) bis(2-Chloroethyl)ether	7.041	93	2668	0.395	ng		98
9) Naphthalene	10.436	128	6861	0.373	ng		98
10) Hexachlorobutadiene	10.735	225	1499	0.388	ng	#	100
12) 2-Methylnaphthalene	12.062	142	4468	0.377	ng		99
16) Acenaphthylene	13.978	152	6352	0.377	ng		99
17) Acenaphthene	14.320	154	4188	0.380	ng		99
18) Fluorene	15.314	166	5511	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	447	0.347	ng		92
21) 4-Bromophenyl-phenylether	16.202	248	1675	0.392	ng	#	87
22) Hexachlorobenzene	16.314	284	1839	0.402	ng		98
23) Atrazine	16.475	200	1307	0.351	ng		95
24) Pentachlorophenol	16.661	266	889	0.353	ng		97
25) Phenanthrene	17.046	178	8237	0.373	ng		100
26) Anthracene	17.133	178	7244	0.360	ng		100
28) Fluoranthene	19.073	202	8992	0.341	ng		99
30) Pyrene	19.435	202	8904	0.448	ng		100
32) Benzo(a)anthracene	21.189	228	6527	0.373	ng		100
33) Chrysene	21.242	228	7006	0.379	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	3857	0.358	ng		98
36) Indeno(1,2,3-cd)pyrene	25.614	276	5928	0.380	ng		99
37) Benzo(b)fluoranthene	22.749	252	6059	0.382	ng		99
38) Benzo(k)fluoranthene	22.793	252	6318	0.404	ng		99
39) Benzo(a)pyrene	23.310	252	5011	0.373	ng	#	95
40) Dibenzo(a,h)anthracene	25.629	278	4518	0.372	ng		100
41) Benzo(g,h,i)perylene	26.289	276	5160	0.391	ng		98

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

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