Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
Data File : BN036419.D
Acq On : 11 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 11 12:09:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2297	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	5702	0.400	ng		0.00
13) Acenaphthene-d10	14.388	164	3750	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	8399	0.400	ng		0.00
29) Chrysene-d12	21.322	240	7728	0.400	ng		0.00
35) Perylene-d12	23.595	264	7910	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	2043	0.376	ng		0.00
5) Phenol-d6	6.930	99	2339	0.367	ng		0.00
8) Nitrobenzene-d5	8.907	82	2136	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	12.136	152	3404	0.388	ng		0.00
14) 2,4,6-Tribromophenol	15.883	330	655	0.352	ng		0.00
15) 2-Fluorobiphenyl	13.019	172	5289	0.375	ng		0.00
27) Fluoranthene-d10	19.169	212	9036	0.387	ng		0.00
31) Terphenyl-d14	19.768	244	6442	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	983	0.391	ng		97
3) n-Nitrosodimethylamine	3.579	42	1757	0.403	ng	#	99
6) bis(2-Chloroethyl)ether	7.176	93	2691	0.404	ng		96
9) Naphthalene	10.594	128	6378	0.388	ng		100
10) Hexachlorobutadiene	10.883	225	1582	0.395	ng	#	100
12) 2-Methylnaphthalene	12.212	142	4140	0.384	ng		98
16) Acenaphthylene	14.110	152	6348	0.383	ng		99
17) Acenaphthene	14.452	154	4257	0.385	ng		100
18) Fluorene	15.435	166	6184	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.523	198	569	0.345	ng		92
21) 4-Bromophenyl-phenylether	16.329	248	1994	0.398	ng		95
22) Hexachlorobenzene	16.441	284	2491	0.403	ng		98
23) Atrazine	16.602	200	1518	0.363	ng	#	93
24) Pentachlorophenol	16.801	266	1020	0.347	ng		97
25) Phenanthrene	17.173	178	9457	0.390	ng		99
26) Anthracene	17.273	178	8241	0.385	ng		99
28) Fluoranthene	19.197	202	11494	0.385	ng		100
30) Pyrene	19.559	202	11643	0.391	ng		99
32) Benzo(a)anthracene	21.304	228	9625	0.378	ng		98
33) Chrysene	21.358	228	11407	0.414	ng		98
34) Bis(2-ethylhexyl)phtha...	21.241	149	5511	0.348	ng		100
36) Indeno(1,2,3-cd)pyrene	25.893	276	11010	0.398	ng		99
37) Benzo(b)fluoranthene	22.908	252	10324	0.396	ng		100
38) Benzo(k)fluoranthene	22.955	252	11121	0.415	ng		98
39) Benzo(a)pyrene	23.496	252	9001	0.396	ng		98
40) Dibenzo(a,h)anthracene	25.908	278	8554	0.392	ng		98
41) Benzo(g,h,i)perylene	26.595	276	9845	0.398	ng		99

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

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