Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036441.D
Acq On : 12 Feb 2025 15:48
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 12 16:13:59 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	2210	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	5455	0.400	ng		0.00
13) Acenaphthene-d10	14.387	164	3758	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	8093	0.400	ng		0.00
29) Chrysene-d12	21.322	240	7173	0.400	ng		0.00
35) Perylene-d12	23.589	264	7217	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	1918	0.367	ng		0.00
5) Phenol-d6	6.930	99	2195	0.358	ng		0.00
8) Nitrobenzene-d5	8.907	82	2082	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.136	152	3238	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	605	0.325	ng		0.00
15) 2-Fluorobiphenyl	13.019	172	5114	0.362	ng		0.00
27) Fluoranthene-d10	19.164	212	8393	0.373	ng		0.00
31) Terphenyl-d14	19.768	244	5878	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	946	0.391	ng		97
3) n-Nitrosodimethylamine	3.579	42	1672	0.398	ng		95
6) bis(2-Chloroethyl)ether	7.175	93	2521	0.393	ng		97
9) Naphthalene	10.594	128	6118	0.389	ng		100
10) Hexachlorobutadiene	10.882	225	1505	0.393	ng	#	99
12) 2-Methylnaphthalene	12.212	142	3968	0.385	ng		98
16) Acenaphthylene	14.110	152	6026	0.363	ng		100
17) Acenaphthene	14.452	154	4122	0.372	ng		99
18) Fluorene	15.435	166	5886	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.522	198	505	0.318	ng		94
21) 4-Bromophenyl-phenylether	16.329	248	1877	0.389	ng	#	90
22) Hexachlorobenzene	16.441	284	2387	0.400	ng		99
23) Atrazine	16.602	200	1442	0.358	ng		96
24) Pentachlorophenol	16.801	266	931	0.329	ng		99
25) Phenanthrene	17.173	178	9138	0.391	ng		100
26) Anthracene	17.273	178	7822	0.379	ng		99
28) Fluoranthene	19.197	202	10851	0.377	ng		99
30) Pyrene	19.559	202	11169	0.404	ng		100
32) Benzo(a)anthracene	21.304	228	9071	0.384	ng		98
33) Chrysene	21.357	228	10950	0.428	ng		98
34) Bis(2-ethylhexyl)phtha...	21.241	149	5096	0.347	ng		99
36) Indeno(1,2,3-cd)pyrene	25.890	276	9792	0.388	ng		98
37) Benzo(b)fluoranthene	22.905	252	9872	0.415	ng		100
38) Benzo(k)fluoranthene	22.952	252	10113	0.413	ng		99
39) Benzo(a)pyrene	23.490	252	8492	0.409	ng		97
40) Dibenzo(a,h)anthracene	25.905	278	7530	0.378	ng		97
41) Benzo(g,h,i)perylene	26.586	276	8843	0.392	ng		99

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

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