Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036320.D
Acq On : 06 Feb 2025 05:40
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 06 06:02:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	2017	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	4328	0.400	ng	#	0.00
13) Acenaphthene-d10	14.409	164	2158	0.400	ng		0.00
19) Phenanthrene-d10	17.149	188	4298	0.400	ng		-0.01
29) Chrysene-d12	21.340	240	3803	0.400	ng		0.00
35) Perylene-d12	23.627	264	4157	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	2359	0.450	ng		0.00
5) Phenol-d6	6.952	99	2757	0.447	ng		0.00
8) Nitrobenzene-d5	8.918	82	1805	0.442	ng		-0.01
11) 2-Methylnaphthalene-d10	12.156	152	2489	0.423	ng		0.00
14) 2,4,6-Tribromophenol	15.907	330	432	0.312	ng		0.00
15) 2-Fluorobiphenyl	13.041	172	3477	0.361	ng		0.00
27) Fluoranthene-d10	19.187	212	4606	0.414	ng		0.00
31) Terphenyl-d14	19.787	244	3323	0.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	1044	0.463	ng		96
3) n-Nitrosodimethylamine	3.593	42	1762	0.431	ng		88
6) bis(2-Chloroethyl)ether	7.197	93	2400	0.484	ng		99
9) Naphthalene	10.616	128	5202	0.414	ng		98
10) Hexachlorobutadiene	10.904	225	1498	0.369	ng	#	100
12) 2-Methylnaphthalene	12.233	142	3215	0.412	ng		97
16) Acenaphthylene	14.131	152	4105	0.401	ng		99
17) Acenaphthene	14.473	154	2804	0.400	ng		98
18) Fluorene	15.457	166	3728	0.425	ng		97
20) 4,6-Dinitro-2-methylph...	15.547	198	187	0.187	ng	#	49
21) 4-Bromophenyl-phenylether	16.354	248	1157	0.378	ng		96
22) Hexachlorobenzene	16.466	284	1519	0.377	ng		99
23) Atrazine	16.627	200	807	0.365	ng		98
24) Pentachlorophenol	16.813	266	590	0.338	ng		98
25) Phenanthrene	17.198	178	5153	0.399	ng		100
26) Anthracene	17.285	178	4593	0.391	ng		100
28) Fluoranthene	19.220	202	6122	0.404	ng	#	98
30) Pyrene	19.578	202	6276	0.407	ng		99
32) Benzo(a)anthracene	21.331	228	5315	0.385	ng		99
33) Chrysene	21.375	228	5700	0.404	ng		98
34) Bis(2-ethylhexyl)phtha...	21.259	149	2961	0.392	ng		99
36) Indeno(1,2,3-cd)pyrene	25.943	276	6820	0.409	ng		97
37) Benzo(b)fluoranthene	22.937	252	6184	0.409	ng	#	89
38) Benzo(k)fluoranthene	22.981	252	5953	0.391	ng	#	90
39) Benzo(a)pyrene	23.525	252	5266	0.408	ng	#	81
40) Dibenzo(a,h)anthracene	25.961	278	5258	0.395	ng		95
41) Benzo(g,h,i)perylene	26.651	276	6109	0.422	ng		96

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

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