Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025412.D
Acq On : 11 May 2023 22:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 12 04:11:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	8256	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	26312	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	15283	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	31666	0.400	ng		0.00
29) Chrysene-d12	21.491	240	22223	0.400	ng	#	0.00
35) Perylene-d12	23.922	264	20715	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	7897	0.413	ng		0.00
5) Phenol-d6	7.073	99	10382	0.399	ng		0.00
8) Nitrobenzene-d5	9.084	82	8513	0.400	ng		0.00
11) 2-Methylnaphthalene-d10	12.302	152	14877	0.429	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	3247	0.398	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	23063	0.435	ng		0.00
27) Fluoranthene-d10	19.329	212	29992	0.414	ng		0.00
31) Terphenyl-d14	19.920	244	24159	0.451	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	3347	0.439	ng		99
3) n-Nitrosodimethylamine	3.650	42	5034	0.412	ng	#	97
6) bis(2-Chloroethyl)ether	7.326	93	9295	0.468	ng	#	86
9) Naphthalene	10.760	128	28552	0.431	ng		99
10) Hexachlorobutadiene	11.038	225	5479	0.426	ng	#	100
12) 2-Methylnaphthalene	12.377	142	19595	0.428	ng		97
16) Acenaphthylene	14.266	152	29445	0.415	ng		100
17) Acenaphthene	14.608	154	18457	0.439	ng		99
18) Fluorene	15.592	166	24110	0.433	ng		99
20) 4,6-Dinitro-2-methylph...	15.734	198	431	0.426	ng	#	75
21) 4-Bromophenyl-phenylether	16.479	248	7575	0.424	ng	#	75
22) Hexachlorobenzene	16.603	284	8655	0.439	ng		100
23) Atrazine	16.752	200	5651	0.390	ng		99
24) Pentachlorophenol	16.963	266	2984	0.374	ng		98
25) Phenanthrene	17.336	178	36493	0.426	ng		100
26) Anthracene	17.435	178	33561	0.404	ng		100
28) Fluoranthene	19.359	202	41014	0.413	ng		100
30) Pyrene	19.722	202	41933	0.448	ng		100
32) Benzo(a)anthracene	21.473	228	31891	0.421	ng		97
33) Chrysene	21.526	228	33577	0.456	ng		96
34) Bis(2-ethylhexyl)phtha...	21.383	149	28617	0.392	ng		99
36) Indeno(1,2,3-cd)pyrene	26.448	276	31930	0.419	ng		98
37) Benzo(b)fluoranthene	23.176	252	28454	0.419	ng	#	92
38) Benzo(k)fluoranthene	23.229	252	29476	0.422	ng	#	92
39) Benzo(a)pyrene	23.808	252	27953	0.422	ng	#	89
40) Dibenzo(a,h)anthracene	26.459	278	25294	0.417	ng	#	92
41) Benzo(g,h,i)perylene	27.228	276	26891	0.419	ng		94

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

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