Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051223\
Data File : BN025429.D
Acq On : 12 May 2023 10:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 12 11:21:48 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	7.896	152	11357	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	37156	0.400	ng		# 0.00
13) Acenaphthene-d10	14.533	164	21327	0.400	ng		-0.01
19) Phenanthrene-d10	17.298	188	44225	0.400	ng		# 0.00
29) Chrysene-d12	21.495	240	31287	0.400	ng		# 0.00
35) Perylene-d12	23.914	264	29306	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	10891	0.414	ng		0.00
5) Phenol-d6	7.066	99	14870	0.416	ng		-0.01
8) Nitrobenzene-d5	9.073	82	11602	0.386	ng		-0.01
11) 2-Methylnaphthalene-d10	12.298	152	20930	0.427	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	4207	0.370	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	31342	0.423	ng		-0.01
27) Fluoranthene-d10	19.325	212	41790	0.413	ng		0.00
31) Terphenyl-d14	19.919	244	33571	0.445	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	4758	0.454	ng		97
3) n-Nitrosodimethylamine	3.650	42	7694	0.457	ng		92
6) bis(2-Chloroethyl)ether	7.326	93	10862	0.398	ng		99
9) Naphthalene	10.750	128	40382	0.431	ng		100
10) Hexachlorobutadiene	11.027	225	7783	0.428	ng	#	100
12) 2-Methylnaphthalene	12.373	142	27437	0.424	ng		99
16) Acenaphthylene	14.266	152	41013	0.414	ng		99
17) Acenaphthene	14.598	154	25485	0.435	ng		99
18) Fluorene	15.592	166	33204	0.428	ng		99
20) 4,6-Dinitro-2-methylph...	15.734	198	651	0.442	ng	#	87
21) 4-Bromophenyl-phenylether	16.479	248	10334	0.414	ng	#	84
22) Hexachlorobenzene	16.603	284	11538	0.419	ng		99
23) Atrazine	16.752	200	7476	0.369	ng		97
24) Pentachlorophenol	16.963	266	3741	0.346	ng		98
25) Phenanthrene	17.335	178	50763	0.424	ng		100
26) Anthracene	17.422	178	46152	0.397	ng		99
28) Fluoranthene	19.359	202	57021	0.411	ng		100
30) Pyrene	19.721	202	58743	0.445	ng		100
32) Benzo(a)anthracene	21.477	228	43860	0.411	ng		96
33) Chrysene	21.531	228	47721	0.461	ng		96
34) Bis(2-ethylhexyl)phtha...	21.378	149	35817	0.349	ng		100
36) Indeno(1,2,3-cd)pyrene	26.425	276	44819	0.416	ng		99
37) Benzo(b)fluoranthene	23.174	252	39418	0.410	ng	#	90
38) Benzo(k)fluoranthene	23.221	252	40321	0.408	ng	#	89
39) Benzo(a)pyrene	23.809	252	38312	0.409	ng	#	87
40) Dibenzo(a,h)anthracene	26.443	278	35543	0.414	ng	#	88
41) Benzo(g,h,i)perylene	27.200	276	38231	0.421	ng		92

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

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