Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025396.D
Acq On : 11 May 2023 12:15
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 12 00:53:43 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 00:52:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	9203	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	29474	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	17333	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	34816	0.400	ng		0.00
29) Chrysene-d12	21.495	240	27622	0.400	ng	#	0.00
35) Perylene-d12	23.926	264	23711	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	16401	0.769	ng		0.00
5) Phenol-d6	7.073	99	21948	0.757	ng		0.00
8) Nitrobenzene-d5	9.073	82	18409	0.773	ng		-0.01
11) 2-Methylnaphthalene-d10	12.302	152	29273	0.753	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	6821	0.737	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	45228	0.751	ng		-0.01
27) Fluoranthene-d10	19.329	212	59748	0.750	ng		0.00
31) Terphenyl-d14	19.924	244	48631	0.731	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	6558	0.772	ng		97
3) n-Nitrosodimethylamine	3.650	42	10574	0.775	ng	#	96
6) bis(2-Chloroethyl)ether	7.326	93	17349	0.784	ng		96
9) Naphthalene	10.760	128	55646	0.750	ng		99
10) Hexachlorobutadiene	11.038	225	10722	0.744	ng	#	100
12) 2-Methylnaphthalene	12.373	142	38292	0.746	ng		98
16) Acenaphthylene	14.266	152	59366	0.737	ng		99
17) Acenaphthene	14.608	154	35651	0.748	ng		100
18) Fluorene	15.592	166	46432	0.736	ng		99
20) 4,6-Dinitro-2-methylph...	15.709	198	1097	0.672	ng	#	26
21) 4-Bromophenyl-phenylether	16.479	248	14771	0.752	ng	#	78
22) Hexachlorobenzene	16.603	284	16196	0.747	ng		99
23) Atrazine	16.752	200	11807	0.741	ng		96
24) Pentachlorophenol	16.963	266	7040	0.689	ng		97
25) Phenanthrene	17.336	178	69327	0.736	ng		100
26) Anthracene	17.435	178	65936	0.721	ng		100
28) Fluoranthene	19.363	202	81712	0.748	ng		100
30) Pyrene	19.726	202	83961	0.721	ng		100
32) Benzo(a)anthracene	21.477	228	69151	0.735	ng		98
33) Chrysene	21.540	228	66828	0.731	ng		97
34) Bis(2-ethylhexyl)phtha...	21.387	149	62365	0.687	ng		99
36) Indeno(1,2,3-cd)pyrene	26.446	276	65613	0.753	ng		99
37) Benzo(b)fluoranthene	23.183	252	57890	0.745	ng	#	89
38) Benzo(k)fluoranthene	23.230	252	61058	0.763	ng	#	88
39) Benzo(a)pyrene	23.815	252	57583	0.760	ng	#	87
40) Dibenzo(a,h)anthracene	26.458	278	52838	0.761	ng	#	90
41) Benzo(g,h,i)perylene	27.224	276	55107	0.750	ng		95

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

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