Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016603.D
Acq On : 30 Sep 2021 16:44
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Sep 30 17:13:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 15:26:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	27336	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	113468	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	60204	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	108127	0.40	ng		0.00
29) Chrysene-d12	21.238	240	105598	0.40	ng		0.00
35) Perylene-d12	23.484	264	101377	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	224450	3.20	ng		0.00
5) Phenol-d6	6.822	99	254395	3.39	ng		0.00
8) Nitrobenzene-d5	8.784	82	265729	3.73	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	551076	3.32	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	105089	3.83	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	771564	3.12	ng		0.00
27) Fluoranthene-d10	19.068	212	986646	3.33	ng		0.00
31) Terphenyl-d14	19.678	244	798971	3.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	41721	3.08	ng	#	76
3) n-Nitrosodimethylamine	3.567	42	69355	3.37	ng		100
6) bis(2-Chloroethyl)ether	7.080	93	235515	3.17	ng		100
9) Naphthalene	10.457	128	980481	3.13	ng		100
10) Hexachlorobutadiene	10.749	225	187105	3.21	ng	#	100
12) 2-Methylnaphthalene	12.078	142	630155	3.23	ng		100
16) Acenaphthylene	13.990	152	932958	3.49	ng		100
17) Acenaphthene	14.332	154	595612	3.36	ng		96
18) Fluorene	15.322	166	701130	3.33	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	59586	4.85	ng	#	82
21) 4-Bromophenyl-phenylether	16.226	248	233055	3.49	ng		99
22) Hexachlorobenzene	16.336	284	256752	3.29	ng		100
23) Atrazine	16.506	200	187080	3.82	ng		98
25) Phenanthrene	17.066	178	1069720	3.28	ng		100
26) Anthracene	17.151	178	995765	3.54	ng		100
28) Fluoranthene	19.098	202	1164713	3.24	ng		99
30) Pyrene	19.460	202	1205628	3.51	ng		100
32) Benzo(a)anthracene	21.217	228	1191666	3.70	ng		99
33) Chrysene	21.270	228	1140377	3.38	ng		100
36) Indeno(1,2,3-cd)pyrene	25.764	276	1312754	3.48	ng		100
37) Benzo(b)fluoranthene	22.810	252	1186238	3.78	ng		100
38) Benzo(k)fluoranthene	22.855	252	1155182	3.64	ng		99
39) Benzo(a)pyrene	23.385	252	1081189	3.69	ng		99
40) Dibenzo(a,h)anthracene	25.785	278	1067048	3.50	ng		100
41) Benzo(g,h,i)perylene	26.462	276	1152531	3.47	ng		100

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

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