Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016709.D
Acq On : 04 Oct 2021 14:04
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Oct 04 15:15:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	23269	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	102789	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	54881	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	101871	0.40	ng		0.00
29) Chrysene-d12	21.238	240	95569	0.40	ng		0.00
35) Perylene-d12	23.491	264	93866	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	11745	0.20	ng		0.00
5) Phenol-d6	6.822	99	12590	0.19	ng		0.00
8) Nitrobenzene-d5	8.784	82	13575	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	30223	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	3497	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	45734	0.21	ng		0.00
27) Fluoranthene-d10	19.068	212	54072	0.20	ng		0.00
31) Terphenyl-d14	19.683	244	47610	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	2021	0.19	ng	#	72
3) n-Nitrosodimethylamine	3.594	42	3270	0.19	ng		97
6) bis(2-Chloroethyl)ether	7.080	93	12768	0.20	ng		100
9) Naphthalene	10.457	128	57256	0.20	ng		100
10) Hexachlorobutadiene	10.749	225	10497	0.20	ng	#	100
12) 2-Methylnaphthalene	12.083	142	36205	0.20	ng		99
16) Acenaphthylene	13.990	152	43154	0.18	ng		100
17) Acenaphthene	14.332	154	31297	0.19	ng		100
18) Fluorene	15.322	166	37129	0.19	ng		100
21) 4-Bromophenyl-phenylether	16.226	248	11609	0.18	ng		99
22) Hexachlorobenzene	16.336	284	13727	0.19	ng		100
23) Atrazine	16.506	200	8151	0.18	ng		99
24) Pentachlorophenol	16.689	266	1102	0.05	ng		95
25) Phenanthrene	17.066	178	58958	0.19	ng		99
26) Anthracene	17.164	178	48994	0.19	ng		100
28) Fluoranthene	19.098	202	65779	0.20	ng		100
30) Pyrene	19.465	202	66621	0.22	ng		100
32) Benzo(a)anthracene	21.217	228	60552	0.21	ng		100
33) Chrysene	21.270	228	63485	0.21	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	35119	0.30	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	56518	0.17	ng		99
37) Benzo(b)fluoranthene	22.814	252	64360	0.21	ng		98
38) Benzo(k)fluoranthene	22.858	252	60370	0.20	ng	#	96
39) Benzo(a)pyrene	23.392	252	55223	0.21	ng		98
40) Dibenzo(a,h)anthracene	25.798	278	43720	0.16	ng		97
41) Benzo(g,h,i)perylene	26.473	276	51078	0.17	ng		99

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

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