Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010791.D
Acq On : 05 Jun 2020 21:06
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Jun 05 22:38:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 19:14:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3008	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	8850	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	4974	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	10014	0.40	ng		0.00
27) Chrysene-d12	21.13	240	10842	0.40	ng		0.00
34) Perylene-d12	23.29	264	10086	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	29262	4.97	ng		0.00
5) Phenol-d6	6.75	99	35923	4.99	ng		0.00
8) Nitrobenzene-d5	8.69	82	35665	5.80	ng		0.00
11) 2-Methylnaphthalene-d10	11.90	152	70991	4.92	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	10048	5.57	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	97788	5.36	ng		-0.02
25) Fluoranthene-d10	18.97	212	154193	5.68	ng		0.00
29) Terphenyl-d14	19.58	244	119170	4.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	13874	5.350	ng		95
3) n-Nitrosodimethylamine	3.51	42	9229	6.181	ng	#	50
6) bis(2-Chloroethyl)ether	7.00	93	33464	4.515	ng		98
9) Naphthalene	10.35	128	112937	5.073	ng		98
10) Hexachlorobutadiene	10.66	225	26388	5.183	ng	#	100
12) 2-Methylnaphthalene	11.98	142	76799	4.895	ng		98
16) Acenaphthylene	13.90	152	113043	5.564	ng		99
17) Acenaphthene	14.24	154	71545	5.212	ng		99
18) Fluorene	15.23	166	94020	5.227	ng		98
20) 4-Bromophenyl-phenylether	16.13	248	31831	5.755	ng		96
21) Hexachlorobenzene	16.25	284	30966	4.704	ng		99
22) Pentachlorophenol	16.59	266	12277	6.023	ng		95
23) Phenanthrene	16.97	178	145422	5.415	ng		99
24) Anthracene	17.07	178	132591	5.874	ng		99
26) Fluoranthene	19.00	202	174809	5.729	ng		99
28) Pyrene	19.36	202	171573	4.415	ng		100
30) Benzo(a)anthracene	21.12	228	172647	5.459	ng		98
31) Chrysene	21.18	228	182759	5.105	ng		98
32) Bis(2-ethylhexyl)phthalate	21.08	149	55813	4.030	ng		99
33) Indeno(1,2,3-cd)pyrene	25.41	276	219561	6.895	ng		99
35) Benzo(b)fluoranthene	22.65	252	178522	5.355	ng	#	90
36) Benzo(k)fluoranthene	22.70	252	186667	5.197	ng	#	89
37) Benzo(a)pyrene	23.20	252	160037	5.547	ng	#	73
38) Dibenzo(a,h)anthracene	25.42	278	180744	7.331	ng		93
39) Benzo(g,h,i)perylene	26.05	276	180949	6.258	ng		99

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

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