Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010789.D
Acq On : 05 Jun 2020 19:54
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Jun 05 22:38:14 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	7.56	152	2704	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	8860	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	4843	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	9865	0.40	ng		0.00
27) Chrysene-d12	21.14	240	9749	0.40	ng		0.00
34) Perylene-d12	23.30	264	9360	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	8882	1.68	ng		0.00
5) Phenol-d6	6.75	99	10671	1.65	ng		0.00
8) Nitrobenzene-d5	8.69	82	10920	1.77	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	22620	1.57	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	2831	1.61	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	31823	1.79	ng		-0.01
25) Fluoranthene-d10	18.97	212	46115	1.72	ng		0.00
29) Terphenyl-d14	19.58	244	36331	1.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	4502	1.931	ng		97
3) n-Nitrosodimethylamine	3.53	42	2716	2.023	ng	#	52
6) bis(2-Chloroethyl)ether	7.00	93	10644	1.598	ng		97
9) Naphthalene	10.35	128	36071	1.618	ng		99
10) Hexachlorobutadiene	10.66	225	8807	1.728	ng	#	99
12) 2-Methylnaphthalene	11.98	142	24626	1.568	ng		99
16) Acenaphthylene	13.89	152	33520	1.694	ng		99
17) Acenaphthene	14.25	154	22140	1.656	ng		99
18) Fluorene	15.24	166	28747	1.641	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	9853	1.808	ng		90
21) Hexachlorobenzene	16.25	284	10009	1.543	ng		99
22) Pentachlorophenol	16.59	266	3364	1.675	ng		96
23) Phenanthrene	16.97	178	45052	1.703	ng		99
24) Anthracene	17.06	178	38374	1.726	ng		99
26) Fluoranthene	19.00	202	52786	1.756	ng		100
28) Pyrene	19.37	202	51221	1.466	ng		100
30) Benzo(a)anthracene	21.12	228	49165	1.729	ng		99
31) Chrysene	21.17	228	52475	1.630	ng		98
32) Bis(2-ethylhexyl)phthalate	21.08	149	14762	1.185	ng		98
33) Indeno(1,2,3-cd)pyrene	25.41	276	63779	2.227	ng		100
35) Benzo(b)fluoranthene	22.66	252	52319	1.691	ng	#	92
36) Benzo(k)fluoranthene	22.70	252	56491	1.695	ng	#	91
37) Benzo(a)pyrene	23.20	252	45200	1.688	ng	#	75
38) Dibenzo(a,h)anthracene	25.42	278	52581	2.298	ng		93
39) Benzo(g,h,i)perylene	26.05	276	52452	1.955	ng		98

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

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