Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010465.D
Acq On : 13 Apr 2020 13:48
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Apr 13 14:57:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4194	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	17385	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	11049	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	24884	0.40	ng		0.00
27) Chrysene-d12	21.19	240	23957	0.40	ng		0.00
34) Perylene-d12	23.36	264	21474	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1998	0.24	ng		0.00
5) Phenol-d6	6.80	99	2543	0.25	ng		0.00
8) Nitrobenzene-d5	8.74	82	2352	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.96	152	5761	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	942	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	8074	0.19	ng		0.00
25) Fluoranthene-d10	19.02	212	14613	0.19	ng		0.00
29) Terphenyl-d14	19.63	244	11145	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	646	0.164	ng		98
3) n-Nitrosodimethylamine	3.58	42	358	0.108	ng	#	83
6) bis(2-Chloroethyl)ether	7.05	93	2206	0.222	ng		97
9) Naphthalene	10.42	128	8700	0.201	ng		98
10) Hexachlorobutadiene	10.72	225	2122	0.202	ng	#	100
12) 2-Methylnaphthalene	12.04	142	6202	0.206	ng		100
16) Acenaphthylene	13.95	152	9037	0.208	ng		99
17) Acenaphthene	14.29	154	6066	0.196	ng		100
18) Fluorene	15.28	166	7870	0.192	ng		100
20) 4-Bromophenyl-phenylether	16.18	248	2624	0.174	ng	#	80
21) Hexachlorobenzene	16.29	284	3217	0.207	ng		99
22) Pentachlorophenol	16.65	266	996	0.188	ng		97
23) Phenanthrene	17.02	178	13065	0.191	ng		100
24) Anthracene	17.11	178	11695	0.200	ng		99
26) Fluoranthene	19.04	202	16281	0.194	ng		99
28) Pyrene	19.41	202	16682	0.224	ng		100
30) Benzo(a)anthracene	21.16	228	15701	0.206	ng		97
31) Chrysene	21.22	228	16271	0.199	ng		100
32) Bis(2-ethylhexyl)phthalate	21.12	149	8161	0.317	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	14239	0.162	ng		99
35) Benzo(b)fluoranthene	22.71	252	14414	0.198	ng	#	92
36) Benzo(k)fluoranthene	22.76	252	14286	0.192	ng	#	91
37) Benzo(a)pyrene	23.27	252	12498	0.203	ng	#	90
38) Dibenzo(a,h)anthracene	25.52	278	11482	0.173	ng		93
39) Benzo(g,h,i)perylene	26.16	276	11789	0.176	ng		95

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

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