Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010212.D
Acq On : 13 Mar 2020 22:10
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Mar 16 02:04:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 01:51:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3867	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	12673	0.40	ng		0.00
13) Acenaphthene-d10	14.26	164	8398	0.40	ng		0.00
19) Phenanthrene-d10	17.00	188	19666	0.40	ng		0.00
27) Chrysene-d12	21.20	240	20028	0.40	ng		0.00
34) Perylene-d12	23.38	264	22239	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	40419	4.70	ng		0.00
5) Phenol-d6	6.82	99	51652	4.94	ng		0.00
8) Nitrobenzene-d5	8.77	82	40507	3.84	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	107306	4.38	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	16823	5.20	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	151763	4.79	ng		0.00
25) Fluoranthene-d10	19.03	212	305475	4.49	ng		0.00
29) Terphenyl-d14	19.65	244	229550	4.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	17690	4.467	ng	#	53
3) n-Nitrosodimethylamine	3.55	42	17884	2.750	ng	#	24
6) bis(2-Chloroethyl)ether	7.07	93	44479	4.373	ng		95
9) Naphthalene	10.44	128	159617	4.618	ng		95
10) Hexachlorobutadiene	10.76	225	35954	4.729	ng	#	96
12) 2-Methylnaphthalene	12.06	142	115157	4.859	ng		96
16) Acenaphthylene	13.97	152	197556	5.518	ng		100
17) Acenaphthene	14.31	154	121352	4.820	ng		97
18) Fluorene	15.31	166	160333	4.826	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	58094	4.242	ng		94
21) Hexachlorobenzene	16.32	284	55728	4.551	ng		98
22) Pentachlorophenol	16.66	266	20313	6.474	ng		88
23) Phenanthrene	17.04	178	263652	4.505	ng		100
24) Anthracene	17.13	178	264746	5.351	ng		100
26) Fluoranthene	19.06	202	328448	4.687	ng		100
28) Pyrene	19.43	202	338378	4.449	ng		100
30) Benzo(a)anthracene	21.19	228	353295	5.316	ng		99
31) Chrysene	21.23	228	338298	4.400	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	164978	5.087	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.54	276	406405	5.075	ng		98
35) Benzo(b)fluoranthene	22.73	252	350025	4.305	ng		96
36) Benzo(k)fluoranthene	22.78	252	347448	3.925	ng	#	96
37) Benzo(a)pyrene	23.28	252	330289	4.452	ng	#	95
38) Dibenzo(a,h)anthracene	25.55	278	329663	4.513	ng		96
39) Benzo(g,h,i)perylene	26.19	276	329384	4.233	ng		98

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

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