Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
Data File : BN010707.D
Acq On : 13 May 2020 13:46
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: May 13 14:17:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3652	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	12749	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	7882	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	16809	0.40	ng		-0.01
27) Chrysene-d12	21.16	240	15646	0.40	ng		0.00
34) Perylene-d12	23.32	264	13877	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	35318	4.42	ng		0.00
5) Phenol-d6	6.77	99	46347	4.43	ng		0.00
8) Nitrobenzene-d5	8.71	82	48228	5.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	107059	5.11	ng		0.00
14) 2,4,6-Tribromophenol	15.69	330	18306	4.93	ng		-0.02
15) 2-Fluorobiphenyl	12.82	172	149378	5.21	ng		0.00
25) Fluoranthene-d10	18.98	212	255337	5.01	ng		0.00
29) Terphenyl-d14	19.60	244	189710	5.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	15167	5.64	ng		98
3) n-Nitrosodimethylamine	3.53	42	10120	5.81	ng	#	94
6) bis(2-Chloroethyl)ether	7.01	93	42524	4.69	ng		95
9) Naphthalene	10.38	128	163050	5.15	ng		98
10) Hexachlorobutadiene	10.67	225	36276	4.75	ng	#	100
12) 2-Methylnaphthalene	12.00	142	116208	5.11	ng		98
16) Acenaphthylene	13.91	152	182619	5.36	ng		100
17) Acenaphthene	14.25	154	114396	5.23	ng		98
18) Fluorene	15.25	166	151782	5.30	ng		100
20) 4-Bromophenyl-phenylether	16.14	248	52021	5.57	ng		91
21) Hexachlorobenzene	16.26	284	54376	5.10	ng		99
22) Pentachlorophenol	16.61	266	21403	5.10	ng		98
23) Phenanthrene	16.98	178	242398	5.34	ng		100
24) Anthracene	17.08	178	224157	5.40	ng		99
26) Fluoranthene	19.02	202	284326	5.03	ng		98
28) Pyrene	19.38	202	280114	5.32	ng		100
30) Benzo(a)anthracene	21.13	228	262738	5.15	ng		99
31) Chrysene	21.19	228	259889	5.11	ng		99
32) Bis(2-ethylhexyl)phthalate	21.09	149	119582	4.57	ng		99
33) Indeno(1,2,3-cd)pyrene	25.45	276	244637	5.44	ng		97
35) Benzo(b)fluoranthene	22.67	252	249550	5.46	ng	#	89
36) Benzo(k)fluoranthene	22.72	252	249891	5.46	ng	#	89
37) Benzo(a)pyrene	23.22	252	215729	5.33	ng	#	82
38) Dibenzo(a,h)anthracene	25.46	278	193208	5.23	ng	#	89
39) Benzo(g,h,i)perylene	26.09	276	204919	5.51	ng		96

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

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