Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
Data File : BN011606.D
Acq On : 24 Aug 2020 20:35
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Aug 25 03:32:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 18:42:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2682	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	10012	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	6587	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	14637	0.40	ng		0.00
29) Chrysene-d12	21.33	240	15584	0.40	ng		0.00
36) Perylene-d12	23.59	264	15219	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	33518	5.86	ng		0.00
5) Phenol-d6	6.92	99	47779	8.26	ng		0.00
8) Nitrobenzene-d5	8.89	82	39889	6.06	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	84063	4.70	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	16194	4.94	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	111895	4.13	ng		0.00
27) Fluoranthene-d10	19.17	212	208010	4.22	ng		0.00
31) Terphenyl-d14	19.78	244	171032	4.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	16517	4.507	ng	#	1
3) n-Nitrosodimethylamine	3.59	42	18393	12.170	ng	#	93
6) bis(2-Chloroethyl)ether	7.18	93	34691	6.137	ng		97
9) Naphthalene	10.59	128	126772	4.370	ng	#	92
10) Hexachlorobutadiene	10.88	225	26447	3.258	ng	#	99
12) 2-Methylnaphthalene	12.21	142	92243	4.620	ng		97
16) Acenaphthylene	14.12	152	152843	4.562	ng		99
17) Acenaphthene	14.46	154	98147	4.464	ng		100
18) Fluorene	15.45	166	123618	4.251	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	8948	5.060	ng	#	24
21) 4-Bromophenyl-phenylether	16.34	248	37320	11.671	ng		89
22) Hexachlorobenzene	16.44	284	43704	3.872	ng		99
23) Atrazine	16.60	200	37824	4.967	ng		94
24) Pentachlorophenol	16.79	266	20487	5.825	ng		96
25) Phenanthrene	17.17	178	198728	4.313	ng		99
26) Anthracene	17.27	178	194617	5.064	ng		99
28) Fluoranthene	19.20	202	232456	3.922	ng		100
30) Pyrene	19.56	202	238280	3.844	ng		100
32) Benzo(a)anthracene	21.31	228	240285	4.694	ng		99
33) Chrysene	21.36	228	230277	3.954	ng		99
35) Indeno(1,2,3-cd)pyrene	25.87	276	280217	5.299	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	243188	4.322	ng	#	90
38) Benzo(k)fluoranthene	22.96	252	238079	3.551	ng	#	86
39) Benzo(a)pyrene	23.49	252	225320	4.328	ng	#	90
40) Dibenzo(a,h)anthracene	25.89	278	230839	5.303	ng	#	90
41) Benzo(g,h,i)perylene	26.57	276	225991	4.352	ng	#	93

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

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