Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011586.D
Acq On : 22 Aug 2020 14:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Sohil
8/24/2020 1:50:58 PM

Quant Time: Aug 24 02:11:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1732	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	6225	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	3794	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	8729	0.40	ng		0.00
29) Chrysene-d12	21.01	240	6718	0.40	ng		0.00
36) Perylene-d12	23.10	264	5743	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1296	0.35	ng		0.00
5) Phenol-d6	6.61	99	1357	0.36	ng		-0.02
8) Nitrobenzene-d5	8.55	82	1452	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	3695	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.54	330	617	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.64	172	5939	0.38	ng		-0.01
27) Fluoranthene-d10	18.83	212	8694	0.30	ng		0.00
31) Terphenyl-d14	19.45	244	6631	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	907	0.383	ng	#	100
3) n-Nitrosodimethylamine	3.47	42	324	0.332	ng	#	80
6) bis(2-Chloroethyl)ether	6.86	93	1327	0.364	ng		98
9) Naphthalene	10.19	128	6711	0.372	ng		97
10) Hexachlorobutadiene	10.48	225	1864	0.369	ng	#	99
12) 2-Methylnaphthalene	11.82	142	4276	0.344	ng		97
16) Acenaphthylene	13.74	152	6814	0.353	ng		100
17) Acenaphthene	14.09	154	4638	0.366	ng		100
18) Fluorene	15.09	166	6043	0.361	ng		100
20) 4,6-Dinitro-2-methylphenol	15.23	198	343	0.372	ng	#	78
21) 4-Bromophenyl-phenylether	16.02	248	467	0.245	ng		94
22) Hexachlorobenzene	16.09	284	2393	0.356	ng		97
23) Atrazine	16.29	200	1108	0.244	ng		97
24) Pentachlorophenol	16.46	266	589	0.281	ng		98
25) Phenanthrene	16.82	178	9769	0.356	ng		100
26) Anthracene	16.92	178	7736	0.338	ng		99
28) Fluoranthene	18.86	202	10562	0.299	ng		100
30) Pyrene	19.23	202	10387	0.389	ng		99
32) Benzo(a)anthracene	20.99	228	7752	0.351	ng		99
33) Chrysene	21.05	228	9036	0.360	ng		99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3322	0.332	ng		99
35) Indeno(1,2,3-cd)pyrene	25.13	276	8386	0.368	ng		99
37) Benzo(b)fluoranthene	22.49	252	7709m	0.363	ng		
38) Benzo(k)fluoranthene	22.53	252	9374	0.371	ng		92
39) Benzo(a)pyrene	23.01	252	6899	0.351	ng	#	87
40) Dibenzo(a,h)anthracene	25.15	278	6672	0.406	ng	#	88
41) Benzo(g,h,i)perylene	25.74	276	7729	0.394	ng		96

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

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