Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011597.D
Acq On : 22 Aug 2020 21:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 24 01:26:01 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	2568	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	9398	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	4513	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	10153	0.40	ng		0.00
29) Chrysene-d12	21.00	240	10957	0.40	ng		-0.01
36) Perylene-d12	23.10	264	11753	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	2364	0.43	ng		0.00
5) Phenol-d6	6.60	99	2578	0.47	ng		-0.02
8) Nitrobenzene-d5	8.54	82	2220	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	11.73	152	5161	0.31	ng		-0.02
14) 2,4,6-Tribromophenol	15.54	330	757	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.63	172	7703	0.42	ng		-0.03
27) Fluoranthene-d10	18.83	212	11182	0.33	ng		0.00
31) Terphenyl-d14	19.45	244	9300	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1264	0.360	ng	#	100
3) n-Nitrosodimethylamine	3.45	42	558	0.386	ng	#	84
6) bis(2-Chloroethyl)ether	6.85	93	2177	0.402	ng		93
9) Naphthalene	10.17	128	10259	0.377	ng		96
10) Hexachlorobutadiene	10.47	225	2581	0.339	ng	#	98
12) 2-Methylnaphthalene	11.81	142	5986	0.319	ng		96
16) Acenaphthylene	13.74	152	8990	0.392	ng		99
17) Acenaphthene	14.09	154	5643	0.375	ng		99
18) Fluorene	15.08	166	7041	0.353	ng		99
20) 4,6-Dinitro-2-methylphenol	15.22	198	120	0.234	ng	#	82
21) 4-Bromophenyl-phenylether	16.02	248	377	0.170	ng	#	87
22) Hexachlorobenzene	16.09	284	2807	0.359	ng		98
23) Atrazine	16.29	200	1339	0.253	ng		95
24) Pentachlorophenol	16.46	266	768	0.315	ng		95
25) Phenanthrene	16.82	178	11280	0.353	ng		99
26) Anthracene	16.92	178	9749	0.366	ng		99
28) Fluoranthene	18.86	202	13141	0.320	ng		99
30) Pyrene	19.22	202	14280	0.328	ng		99
32) Benzo(a)anthracene	20.99	228	14074	0.391	ng		98
33) Chrysene	21.05	228	15142	0.370	ng		98
34) Bis(2-ethylhexyl)phthalate	20.95	149	7482	0.457	ng		100
35) Indeno(1,2,3-cd)pyrene	25.12	276	18473	0.497	ng		97
37) Benzo(b)fluoranthene	22.48	252	15312	0.352	ng		92
38) Benzo(k)fluoranthene	22.53	252	16273	0.314	ng		94
39) Benzo(a)pyrene	23.01	252	14887	0.370	ng	#	84
40) Dibenzo(a,h)anthracene	25.13	278	14700	0.437	ng	#	84
41) Benzo(g,h,i)perylene	25.73	276	16005	0.399	ng		96

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

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