Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011584.D
Acq On : 22 Aug 2020 12:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 24 01:24:06 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	1814	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	5515	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	3512	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	8762	0.40	ng		0.00
29) Chrysene-d12	21.01	240	7197	0.40	ng		0.00
36) Perylene-d12	23.10	264	7120	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1385	0.36	ng		0.00
5) Phenol-d6	6.61	99	1361	0.35	ng		-0.02
8) Nitrobenzene-d5	8.55	82	1488	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	3833	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.54	330	581	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.64	172	6286	0.44	ng		-0.01
27) Fluoranthene-d10	18.83	212	8260	0.28	ng		0.00
31) Terphenyl-d14	19.45	244	6055	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	822	0.332	ng	#	100
3) n-Nitrosodimethylamine	3.46	42	302	0.295	ng	#	92
6) bis(2-Chloroethyl)ether	6.86	93	1222	0.320	ng		100
9) Naphthalene	10.19	128	5989	0.375	ng		98
10) Hexachlorobutadiene	10.48	225	1683	0.376	ng	#	100
12) 2-Methylnaphthalene	11.82	142	4364	0.397	ng		96
16) Acenaphthylene	13.74	152	6332	0.354	ng		99
17) Acenaphthene	14.09	154	4302	0.367	ng		99
18) Fluorene	15.09	166	5544	0.358	ng		99
20) 4,6-Dinitro-2-methylphenol	15.23	198	312	0.354	ng		86
21) 4-Bromophenyl-phenylether	16.02	248	463	0.242	ng		98
22) Hexachlorobenzene	16.09	284	2237	0.331	ng		99
23) Atrazine	16.29	200	1013	0.222	ng		99
24) Pentachlorophenol	16.47	266	575	0.273	ng		98
25) Phenanthrene	16.82	178	9765	0.354	ng		100
26) Anthracene	16.92	178	7606	0.331	ng		99
28) Fluoranthene	18.86	202	9913	0.279	ng		99
30) Pyrene	19.23	202	9795	0.342	ng		99
32) Benzo(a)anthracene	20.99	228	8259	0.349	ng		99
33) Chrysene	21.05	228	9668	0.359	ng		99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3504	0.327	ng		99
35) Indeno(1,2,3-cd)pyrene	25.13	276	10967	0.449	ng	#	96
37) Benzo(b)fluoranthene	22.49	252	8115	0.308	ng		94
38) Benzo(k)fluoranthene	22.53	252	9471	0.302	ng		95
39) Benzo(a)pyrene	23.02	252	6498	0.267	ng		91
40) Dibenzo(a,h)anthracene	25.15	278	8644	0.424	ng	#	88
41) Benzo(g,h,i)perylene	25.74	276	9708	0.400	ng		96

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

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