Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020921\
Data File : BN013603.D
Acq On : 09 Feb 2021 13:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 09 14:37:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 15:13:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152	6202	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	24306	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	13623	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	28345	0.40	ng		# 0.00
29) Chrysene-d12	21.141	240	26903	0.40	ng		# 0.00
36) Perylene-d12	23.305	264	23416	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	5843	0.44	ng		0.00
5) Phenol-d6	6.734	99	7350	0.44	ng		0.00
8) Nitrobenzene-d5	8.680	82	5292	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	11.906	152	14864	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1344	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	21200	0.41	ng		0.00
27) Fluoranthene-d10	18.972	212	28840	0.38	ng		0.00
31) Terphenyl-d14	19.588	244	25239	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2606	0.38	ng		97
3) n-Nitrosodimethylamine	3.504	42	1697	0.34	ng		94
6) bis(2-Chloroethyl)ether	6.992	93	5903	0.39	ng		98
9) Naphthalene	10.365	128	23220	0.39	ng		100
10) Hexachlorobutadiene	10.657	225	3903	0.39	ng	#	99
12) 2-Methylnaphthalene	11.982	142	15940	0.39	ng		99
16) Acenaphthylene	13.902	152	18570	0.36	ng		99
17) Acenaphthene	14.245	154	14153	0.38	ng		98
18) Fluorene	15.234	166	18131	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	914	0.38	ng		88
21) 4-Bromophenyl-phenylether	16.130	248	5309	0.38	ng	#	83
22) Hexachlorobenzene	16.239	284	6036	0.39	ng		99
23) Atrazine	16.410	200	3096	0.34	ng		94
24) Pentachlorophenol	16.592	266	1010	0.42	ng		95
25) Phenanthrene	16.970	178	30148	0.39	ng		99
26) Anthracene	17.067	178	23350	0.37	ng		100
28) Fluoranthene	19.007	202	31875	0.38	ng		99
30) Pyrene	19.369	202	31871	0.40	ng		100
32) Benzo(a)anthracene	21.120	228	26623	0.37	ng		97
33) Chrysene	21.173	228	32145	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	21.077	149	7393	0.35	ng		99
35) Indeno(1,2,3-cd)pyrene	25.455	276	32919	0.38	ng		98
37) Benzo(b)fluoranthene	22.661	252	31455	0.39	ng	#	95
38) Benzo(k)fluoranthene	22.703	252	32288	0.39	ng	#	95
39) Benzo(a)pyrene	23.209	252	26008	0.38	ng	#	94
40) Dibenzo(a,h)anthracene	25.472	278	28021	0.38	ng		98
41) Benzo(g,h,i)perylene	26.108	276	30191	0.39	ng		99

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

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