Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
Data File : BN011885.D
Acq On : 23 Sep 2020 15:45
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Sep 23 16:16:23 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 16:16:06 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.691	152	3204	0.40	ng		0.00
7) Naphthalene-d8	10.465	136	12996	0.40	ng		# 0.00
13) Acenaphthene-d10	14.319	164	6549	0.40	ng		0.00
19) Phenanthrene-d10	17.065	188	13317	0.40	ng		0.00
29) Chrysene-d12	21.269	240	12049	0.40	ng		# 0.00
36) Perylene-d12	23.487	264	11821	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	4039	0.43	ng		0.00
5) Phenol-d6	6.861	99	5043	0.43	ng		0.00
8) Nitrobenzene-d5	8.831	82	4751	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.055	152	7434	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	1111	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	9137	0.32	ng		0.00
27) Fluoranthene-d10	19.102	212	13894	0.33	ng		0.00
31) Terphenyl-d14	19.707	244	10172	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	2009	0.42	ng		96
3) n-Nitrosodimethylamine	3.567	42	2751	0.43	ng	#	88
6) bis(2-Chloroethyl)ether	7.119	93	4283	0.42	ng		93
9) Naphthalene	10.516	128	13507	0.37	ng		99
10) Hexachlorobutadiene	10.808	225	2270	0.27	ng	#	97
12) 2-Methylnaphthalene	12.131	142	8533	0.34	ng		99
16) Acenaphthylene	14.040	152	11128	0.35	ng		100
17) Acenaphthene	14.382	154	7685	0.35	ng		90
18) Fluorene	15.372	166	9482	0.35	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	859	0.38	ng	#	1
21) 4-Bromophenyl-phenylether	16.262	248	2540	0.32	ng	#	66
22) Hexachlorobenzene	16.372	284	2996	0.31	ng	#	84
23) Atrazine	16.530	200	2326	0.33	ng	#	92
24) Pentachlorophenol	16.712	266	1401	0.35	ng		98
25) Phenanthrene	17.102	178	14523	0.34	ng		99
26) Anthracene	17.199	178	12543	0.34	ng		99
28) Fluoranthene	19.132	202	16161	0.33	ng	#	94
30) Pyrene	19.494	202	16584	0.39	ng		99
32) Benzo(a)anthracene	21.248	228	13974	0.34	ng		98
33) Chrysene	21.301	228	14971	0.36	ng		98
34) Bis(2-ethylhexyl)phtha...	21.184	149	9564	0.46	ng	#	92
35) Indeno(1,2,3-cd)pyrene	25.705	276	17179	0.33	ng	#	90
37) Benzo(b)fluoranthene	22.823	252	14306	0.32	ng	#	85
38) Benzo(k)fluoranthene	22.868	252	16487	0.36	ng	#	85
39) Benzo(a)pyrene	23.391	252	13634	0.35	ng	#	80
40) Dibenzo(a,h)anthracene	25.726	278	13819	0.32	ng	#	85
41) Benzo(g,h,i)perylene	26.386	276	15207	0.33	ng	#	88

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

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