Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
Data File : BN011889.D
Acq On : 23 Sep 2020 18:09
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 23 18:37:41 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 18:06:44 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.691	152	3209	0.40	ng		0.00
7) Naphthalene-d8	10.466	136	13844	0.40	ng		0.00
13) Acenaphthene-d10	14.319	164	7342	0.40	ng		0.00
19) Phenanthrene-d10	17.066	188	14545	0.40	ng		0.00
29) Chrysene-d12	21.259	240	14787	0.40	ng		#-0.01
36) Perylene-d12	23.480	264	14167	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	54735	5.77	ng		0.00
5) Phenol-d6	6.853	99	75260	6.47	ng		0.00
8) Nitrobenzene-d5	8.831	82	74942	5.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.056	152	108532	4.42	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	18010	4.82	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	134164	4.22	ng		0.00
27) Fluoranthene-d10	19.102	212	213644	4.63	ng		0.00
31) Terphenyl-d14	19.703	244	155873	4.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.245	88	26231	5.51	ng		97
3) n-Nitrosodimethylamine	3.552	42	43068	6.76	ng	#	88
6) bis(2-Chloroethyl)ether	7.119	93	61617	6.02	ng		91
9) Naphthalene	10.504	128	189724	4.87	ng		98
10) Hexachlorobutadiene	10.808	225	29632	3.30	ng	#	98
12) 2-Methylnaphthalene	12.127	142	124434	4.63	ng		98
16) Acenaphthylene	14.040	152	182888	5.16	ng		99
17) Acenaphthene	14.382	154	124195	5.04	ng		98
18) Fluorene	15.372	166	144435	4.70	ng		100
20) 4,6-Dinitro-2-methylph...	15.448	198	16218	6.52	ng	#	83
21) 4-Bromophenyl-phenylether	16.262	248	38676	4.47	ng	#	79
22) Hexachlorobenzene	16.372	284	42955	4.02	ng	#	84
23) Atrazine	16.530	200	38328	4.93	ng		91
24) Pentachlorophenol	16.713	266	22452	5.20	ng		98
25) Phenanthrene	17.102	178	222760	4.84	ng		99
26) Anthracene	17.199	178	208553	5.22	ng		99
28) Fluoranthene	19.132	202	249354	4.63	ng	#	95
30) Pyrene	19.494	202	254807	4.94	ng		100
32) Benzo(a)anthracene	21.248	228	238161	4.76	ng		99
33) Chrysene	21.301	228	241286	4.69	ng		99
34) Bis(2-ethylhexyl)phtha...	21.184	149	166660	6.47	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.702	276	287531	4.48	ng	#	89
37) Benzo(b)fluoranthene	22.813	252	245482	4.65	ng	#	94
38) Benzo(k)fluoranthene	22.857	252	248719	4.56	ng	#	94
39) Benzo(a)pyrene	23.381	252	226354	4.81	ng	#	93
40) Dibenzo(a,h)anthracene	25.712	278	235917	4.55	ng	#	92
41) Benzo(g,h,i)perylene	26.376	276	242582	4.39	ng	#	90

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

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