Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015336.D
Acq On : 06 Jul 2021 12:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 06 13:19:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	17459	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	76536	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	38889	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	71985	0.40	ng	0.00
29) Chrysene-d12	21.291	240	65988	0.40	ng	#-0.01
35) Perylene-d12	23.546	264	63050	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	18998	0.43	ng	0.00
5) Phenol-d6	6.904	99	23013	0.41	ng	0.00
8) Nitrobenzene-d5	8.873	82	19829	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	48259	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4412	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	62545	0.40	ng	0.00
27) Fluoranthene-d10	19.132	212	79148	0.37	ng	0.00
31) Terphenyl-d14	19.738	244	61191	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	2863	0.35	ng	# 43
3) n-Nitrosodimethylamine	3.696	42	5618	0.37	ng	# 74
6) bis(2-Chloroethyl)ether	7.172	93	22504	0.41	ng	# 84
9) Naphthalene	10.546	128	86731	0.40	ng	97
10) Hexachlorobutadiene	10.837	225	16401	0.40	ng	# 99
12) 2-Methylnaphthalene	12.158	142	55757	0.40	ng	# 90
16) Acenaphthylene	14.065	152	64839	0.38	ng	98
17) Acenaphthene	14.408	154	47058	0.39	ng	99
18) Fluorene	15.398	166	56341	0.38	ng	99
20) 4,6-Dinitro-2-methylph...	15.486	198	90	0.26	ng	# 77
21) 4-Bromophenyl-phenylether	16.287	248	17517	0.38	ng	# 78
22) Hexachlorobenzene	16.409	284	20408	0.39	ng	# 91
23) Atrazine	16.555	200	10328	0.43	ng	93
24) Pentachlorophenol	16.749	266	1410	0.40	ng	98
25) Phenanthrene	17.139	178	91834	0.40	ng	99
26) Anthracene	17.224	178	73546	0.37	ng	99
28) Fluoranthene	19.162	202	99352	0.40	ng	# 97
30) Pyrene	19.524	202	95949	0.38	ng	99
32) Benzo(a)anthracene	21.280	228	82466	0.36	ng	97
33) Chrysene	21.333	228	99225	0.40	ng	97
34) Bis(2-ethylhexyl)phtha...	21.216	149	24930	0.46	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.801	276	85817	0.38	ng	# 88
37) Benzo(b)fluoranthene	22.868	252	96007	0.39	ng	# 94
38) Benzo(k)fluoranthene	22.916	252	101989	0.39	ng	# 95
39) Benzo(a)pyrene	23.446	252	88747	0.39	ng	# 86
40) Dibenzo(a,h)anthracene	25.812	278	68556	0.39	ng	# 90
41) Benzo(g,h,i)perylene	26.486	276	70160	0.36	ng	# 89

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

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