Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
Data File : BN014036.D
Acq On : 23 Mar 2021 10:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 23 11:05:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 14:40:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	5596	0.40	ng		0.00
7) Naphthalene-d8	10.479	136	20505	0.40	ng		# 0.00
13) Acenaphthene-d10	14.320	164	11661	0.40	ng		-0.01
19) Phenanthrene-d10	17.067	188	24714	0.40	ng		# 0.00
29) Chrysene-d12	21.239	240	24119	0.40	ng		#-0.01
36) Perylene-d12	23.448	264	23055	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	5943	0.46	ng		0.00
5) Phenol-d6	6.862	99	7584	0.46	ng		0.00
8) Nitrobenzene-d5	8.844	82	5589	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	14123	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	1352	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	18615	0.43	ng		0.00
27) Fluoranthene-d10	19.089	212	30133	0.44	ng		-0.01
31) Terphenyl-d14	19.689	244	24132	0.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	3219	0.44	ng		97
3) n-Nitrosodimethylamine	3.593	42	1470	0.30	ng	#	99
6) bis(2-Chloroethyl)ether	7.128	93	6434	0.45	ng		95
9) Naphthalene	10.517	128	22760	0.45	ng		99
10) Hexachlorobutadiene	10.809	225	4267	0.45	ng	#	100
12) 2-Methylnaphthalene	12.137	142	15104	0.44	ng		98
16) Acenaphthylene	14.041	152	17889	0.40	ng		100
17) Acenaphthene	14.384	154	13688	0.42	ng		99
18) Fluorene	15.373	166	17152	0.41	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	998	0.36	ng	#	76
21) 4-Bromophenyl-phenylether	16.264	248	5485	0.43	ng	#	84
22) Hexachlorobenzene	16.373	284	6363	0.43	ng		99
23) Atrazine	16.532	200	3346	0.39	ng		99
24) Pentachlorophenol	16.726	266	1198	0.35	ng		95
25) Phenanthrene	17.104	178	29037	0.43	ng		100
26) Anthracene	17.189	178	23567	0.42	ng		100
28) Fluoranthene	19.118	202	32614	0.43	ng		99
30) Pyrene	19.486	202	32848	0.44	ng		100
32) Benzo(a)anthracene	21.218	228	28722	0.42	ng		97
33) Chrysene	21.271	228	34624	0.47	ng		100
34) Bis(2-ethylhexyl)phtha...	21.154	149	8295	0.32	ng		99
35) Indeno(1,2,3-cd)pyrene	25.652	276	38116	0.47	ng		99
37) Benzo(b)fluoranthene	22.784	252	35244	0.42	ng		96
38) Benzo(k)fluoranthene	22.828	252	34579	0.42	ng	#	95
39) Benzo(a)pyrene	23.352	252	30770	0.43	ng	#	94
40) Dibenzo(a,h)anthracene	25.669	278	32350	0.42	ng		97
41) Benzo(g,h,i)perylene	26.330	276	34745	0.43	ng		98

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

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