Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
Data File : BN014065.D
Acq On : 24 Mar 2021 09:16
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 24 10:54:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:06:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	6023	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	23117	0.40	ng		-0.01
13) Acenaphthene-d10	14.321	164	13882	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	29797	0.40	ng		-0.01
29) Chrysene-d12	21.239	240	29194	0.40	ng		# 0.00
36) Perylene-d12	23.441	264	27438	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	6438	0.46	ng		0.00
5) Phenol-d6	6.863	99	8444	0.48	ng		0.00
8) Nitrobenzene-d5	8.832	82	6250	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.058	152	16253	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1761	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.938	172	21996	0.42	ng		-0.01
27) Fluoranthene-d10	19.089	212	37060	0.45	ng		0.00
31) Terphenyl-d14	19.690	244	29613	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	3492	0.44	ng		94
3) n-Nitrosodimethylamine	3.577	42	1943	0.37	ng	#	1
6) bis(2-Chloroethyl)ether	7.129	93	7047	0.46	ng		95
9) Naphthalene	10.518	128	25552	0.44	ng		99
10) Hexachlorobutadiene	10.809	225	4634	0.43	ng	#	99
12) 2-Methylnaphthalene	12.133	142	17446	0.45	ng		99
16) Acenaphthylene	14.042	152	21319	0.40	ng		100
17) Acenaphthene	14.384	154	16531	0.42	ng		100
18) Fluorene	15.361	166	20786	0.42	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	1294	0.39	ng	#	89
21) 4-Bromophenyl-phenylether	16.264	248	6724	0.44	ng	#	74
22) Hexachlorobenzene	16.374	284	7684	0.44	ng		100
23) Atrazine	16.520	200	4106	0.39	ng	#	91
24) Pentachlorophenol	16.715	266	1500	0.36	ng		97
25) Phenanthrene	17.104	178	35649	0.44	ng		100
26) Anthracene	17.189	178	29117	0.43	ng		100
28) Fluoranthene	19.119	202	40408	0.45	ng		99
30) Pyrene	19.481	202	40077	0.45	ng		100
32) Benzo(a)anthracene	21.218	228	35951	0.43	ng		98
33) Chrysene	21.271	228	40830	0.45	ng		98
34) Bis(2-ethylhexyl)phtha...	21.154	149	10252	0.33	ng		98
35) Indeno(1,2,3-cd)pyrene	25.646	276	45717	0.47	ng		99
37) Benzo(b)fluoranthene	22.781	252	42468	0.43	ng		96
38) Benzo(k)fluoranthene	22.822	252	41855	0.43	ng	#	94
39) Benzo(a)pyrene	23.342	252	37074	0.43	ng		95
40) Dibenzo(a,h)anthracene	25.663	278	38647	0.42	ng		98
41) Benzo(g,h,i)perylene	26.323	276	40591	0.43	ng		98

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

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