Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015686.D
Acq On : 24 Jul 2021 12:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 25 06:59:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	13490	0.400	ng	0.00
7) Naphthalene-d8	10.508	136	59834	0.400	ng	#-0.01
13) Acenaphthene-d10	14.358	164	32294	0.400	ng	-0.01
19) Phenanthrene-d10	17.115	188	61354	0.400	ng	# 0.00
29) Chrysene-d12	21.312	240	58567	0.400	ng	# 0.00
35) Perylene-d12	23.618	264	56529	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	14622	0.450	ng	0.00
5) Phenol-d6	6.905	99	17392	0.457	ng	0.00
8) Nitrobenzene-d5	8.873	82	16949	0.404	ng	-0.01
11) 2-Methylnaphthalene-d10	12.109	152	35508	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	5130	0.511	ng	-0.01
15) 2-Fluorobiphenyl	12.987	172	49138	0.373	ng	-0.01
27) Fluoranthene-d10	19.152	212	65926	0.403	ng	0.00
31) Terphenyl-d14	19.758	244	52714	0.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	2185	0.543	ng	# 68
3) n-Nitrosodimethylamine	3.631	42	4119	0.414	ng	# 94
6) bis(2-Chloroethyl)ether	7.163	93	15464	0.404	ng	99
9) Naphthalene	10.559	128	62380	0.393	ng	99
10) Hexachlorobutadiene	10.863	225	11798	0.391	ng	# 99
12) 2-Methylnaphthalene	12.181	142	41236	0.403	ng	98
16) Acenaphthylene	14.078	152	53303	0.395	ng	100
17) Acenaphthene	14.421	154	35881	0.383	ng	99
18) Fluorene	15.411	166	44367	0.397	ng	100
20) 4,6-Dinitro-2-methylph...	15.499	198	1957	0.557	ng	# 86
21) 4-Bromophenyl-phenylether	16.312	248	13747	0.385	ng	# 76
22) Hexachlorobenzene	16.421	284	15433	0.380	ng	100
23) Atrazine	16.579	200	10068	0.474	ng	# 94
24) Pentachlorophenol	16.774	266	4198	0.536	ng	99
25) Phenanthrene	17.151	178	71225	0.385	ng	100
26) Anthracene	17.249	178	61091	0.397	ng	100
28) Fluoranthene	19.182	202	80914	0.405	ng	100
30) Pyrene	19.544	202	80674	0.384	ng	100
32) Benzo(a)anthracene	21.291	228	75166	0.410	ng	99
33) Chrysene	21.344	228	78643	0.387	ng	99
34) Bis(2-ethylhexyl)phtha...	21.238	149	35982	0.601	ng	99
36) Indeno(1,2,3-cd)pyrene	25.983	276	87080	0.425	ng	99
37) Benzo(b)fluoranthene	22.920	252	79987	0.376	ng	100
38) Benzo(k)fluoranthene	22.968	252	79757	0.375	ng	99
39) Benzo(a)pyrene	23.515	252	68538	0.398	ng	100
40) Dibenzo(a,h)anthracene	26.000	278	70069	0.435	ng	100
41) Benzo(g,h,i)perylene	26.702	276	73670	0.393	ng	100

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

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