Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041122\
Data File : BN019405.D
Acq On : 11 Apr 2022 10:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 07:31:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	5492	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	14983	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	8383	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	16712	0.400	ng	# 0.00
29) Chrysene-d12	21.387	240	12723	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	10143	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	6879	0.468	ng	0.00
5) Phenol-d6	6.988	99	8152	0.460	ng	0.00
8) Nitrobenzene-d5	8.971	82	6218	0.457	ng	-0.01
11) 2-Methylnaphthalene-d10	12.216	152	9472	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	2149	0.422	ng	0.00
15) 2-Fluorobiphenyl	13.084	172	14758	0.423	ng	-0.01
27) Fluoranthene-d10	19.232	212	20764	0.386	ng	0.00
31) Terphenyl-d14	19.830	244	13207	0.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	2845	0.433	ng	# 92
3) n-Nitrosodimethylamine	3.543	42	3664	0.421	ng	99
6) bis(2-Chloroethyl)ether	7.233	93	7538	0.423	ng	98
9) Naphthalene	10.669	128	17902	0.405	ng	100
10) Hexachlorobutadiene	10.968	225	3960	0.411	ng	# 100
12) 2-Methylnaphthalene	12.287	142	11493	0.375	ng	99
16) Acenaphthylene	14.174	152	16074	0.386	ng	99
17) Acenaphthene	14.527	154	10559	0.382	ng	97
18) Fluorene	15.511	166	13685	0.375	ng	99
20) 4,6-Dinitro-2-methylph...	15.596	198	1190	0.388	ng	# 54
21) 4-Bromophenyl-phenylether	16.395	248	4509	0.401	ng	95
22) Hexachlorobenzene	16.518	284	5236	0.397	ng	100
23) Atrazine	16.661	200	4096	0.441	ng	96
24) Pentachlorophenol	16.856	266	2508	0.489	ng	99
25) Phenanthrene	17.246	178	21811	0.389	ng	99
26) Anthracene	17.328	178	20209	0.410	ng	99
28) Fluoranthene	19.261	202	25504	0.383	ng	100
30) Pyrene	19.624	202	26732	0.452	ng	99
32) Benzo(a)anthracene	21.369	228	20149	0.429	ng	98
33) Chrysene	21.422	228	20904	0.400	ng	99
34) Bis(2-ethylhexyl)phtha...	21.297	149	21765	0.622	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.162	276	17336	0.408	ng	# 93
37) Benzo(b)fluoranthene	23.024	252	17020m	0.428	ng	
38) Benzo(k)fluoranthene	23.068	252	16362	0.394	ng	# 94
39) Benzo(a)pyrene	23.633	252	13696	0.384	ng	# 82
40) Dibenzo(a,h)anthracene	26.176	278	13012	0.396	ng	# 92
41) Benzo(g,h,i)perylene	26.901	276	15942	0.405	ng	97

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

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