Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017975.D
Acq On : 13 Dec 2021 18:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 03:41:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	29149	0.400	ng		-0.04
7) Naphthalene-d8	10.469	136	117681	0.400	ng		-0.03
13) Acenaphthene-d10	14.309	164	71298	0.400	ng		-0.03
19) Phenanthrene-d10	17.068	188	142623	0.400	ng		-0.02
29) Chrysene-d12	21.261	240	141546	0.400	ng		#-0.03
35) Perylene-d12	23.548	264	141261	0.400	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.281	112	29046	0.483	ng		-0.05
5) Phenol-d6	6.867	99	29633	0.497	ng		-0.03
8) Nitrobenzene-d5	8.821	82	33373	0.434	ng		-0.04
11) 2-Methylnaphthalene-d10	12.063	152	77245	0.373	ng		-0.03
14) 2,4,6-Tribromophenol	15.819	330	11675	0.633	ng		-0.02
15) 2-Fluorobiphenyl	12.939	172	98112	0.391	ng		-0.03
27) Fluoranthene-d10	19.105	212	185087	0.400	ng		-0.02
31) Terphenyl-d14	19.710	244	114558	0.328	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	7665m	0.867	ng		
3) n-Nitrosodimethylamine	3.556	42	11624	0.434	ng	#	87
6) bis(2-Chloroethyl)ether	7.115	93	30195	0.413	ng		99
9) Naphthalene	10.507	128	113428	0.388	ng		100
10) Hexachlorobutadiene	10.811	225	31286	0.375	ng	#	100
12) 2-Methylnaphthalene	12.134	142	73967	0.380	ng		100
16) Acenaphthylene	14.030	152	115481	0.434	ng		100
17) Acenaphthene	14.373	154	73318	0.396	ng		99
18) Fluorene	15.362	166	90507	0.402	ng		99
20) 4,6-Dinitro-2-methylph...	15.464	198	3360	2.273	ng	#	23
21) 4-Bromophenyl-phenylether	16.265	248	33375	0.408	ng		96
22) Hexachlorobenzene	16.374	284	39423	0.370	ng		99
23) Atrazine	16.545	200	23242	0.423	ng		99
24) Pentachlorophenol	16.740	266	7153	1.255	ng		98
25) Phenanthrene	17.105	178	142218	0.390	ng		100
26) Anthracene	17.202	178	128470	0.423	ng		99
28) Fluoranthene	19.134	202	178630	0.398	ng		100
30) Pyrene	19.497	202	182258	0.328	ng		100
32) Benzo(a)anthracene	21.251	228	168357	0.421	ng		99
33) Chrysene	21.304	228	170486	0.367	ng		99
34) Bis(2-ethylhexyl)phtha...	21.197	149	79640	0.524	ng		99
36) Indeno(1,2,3-cd)pyrene	25.882	276	181554	0.697	ng		99
37) Benzo(b)fluoranthene	22.857	252	166599	0.357	ng		98
38) Benzo(k)fluoranthene	22.901	252	160273	0.352	ng		100
39) Benzo(a)pyrene	23.445	252	164074	0.395	ng	#	92
40) Dibenzo(a,h)anthracene	25.903	278	134238	0.763	ng		96
41) Benzo(g,h,i)perylene	26.594	276	171739	0.765	ng		98

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

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