Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016337.D
Acq On : 20 Sep 2021 10:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 20 11:10:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	23445	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	102184	0.400	ng	0.00
13) Acenaphthene-d10	14.306	164	55511	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	108935	0.400	ng	0.00
29) Chrysene-d12	21.259	240	115855	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	100580	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	22161	0.377	ng	0.00
5) Phenol-d6	6.867	99	25989	0.364	ng	0.00
8) Nitrobenzene-d5	8.822	82	24354	0.401	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	61869	0.384	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6322	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	86156	0.397	ng	0.00
27) Fluoranthene-d10	19.097	212	125130	0.397	ng	0.00
31) Terphenyl-d14	19.708	244	107953	0.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	3671	0.377	ng	# 82
3) n-Nitrosodimethylamine	3.640	42	9140	0.410	ng	# 73
6) bis(2-Chloroethyl)ether	7.126	93	25660	0.404	ng	94
9) Naphthalene	10.495	128	106022	0.385	ng	99
10) Hexachlorobutadiene	10.787	225	21086	0.403	ng	# 99
12) 2-Methylnaphthalene	12.118	142	70867	0.388	ng	98
16) Acenaphthylene	14.027	152	86602	0.335	ng	99
17) Acenaphthene	14.370	154	61720	0.385	ng	99
18) Fluorene	15.360	166	75798	0.381	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	2290	0.540	ng	# 68
21) 4-Bromophenyl-phenylether	16.263	248	23723	0.372	ng	98
22) Hexachlorobenzene	16.360	284	24046	0.399	ng	# 91
23) Atrazine	16.543	200	16984	0.291	ng	98
24) Pentachlorophenol	16.713	266	8318	0.410	ng	99
25) Phenanthrene	17.102	178	123427	0.401	ng	99
26) Anthracene	17.188	178	107421	0.360	ng	99
28) Fluoranthene	19.127	202	147156	0.415	ng	99
30) Pyrene	19.489	202	147950	0.404	ng	99
32) Benzo(a)anthracene	21.248	228	147031	0.395	ng	100
33) Chrysene	21.291	228	154192	0.428	ng	98
34) Bis(2-ethylhexyl)phtha...	21.195	149	54739	0.273	ng	98
36) Indeno(1,2,3-cd)pyrene	25.819	276	105727	0.325	ng	98
37) Benzo(b)fluoranthene	22.841	252	149050	0.467	ng	99
38) Benzo(k)fluoranthene	22.885	252	137099	0.446	ng	99
39) Benzo(a)pyrene	23.422	252	120559	0.417	ng	98
40) Dibenzo(a,h)anthracene	25.842	278	87510	0.317	ng	96
41) Benzo(g,h,i)perylene	26.520	276	88853	0.324	ng	95

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

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