Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092221\
Data File : BN016404.D
Acq On : 22 Sep 2021 09:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 22 11:11:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	26073	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	111385	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	60230	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	119108	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	114421	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	107937	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	24821	0.379	ng	0.00
5) Phenol-d6	6.849	99	29469	0.372	ng	0.00
8) Nitrobenzene-d5	8.810	82	28786	0.435	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	66969	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	7019	0.397	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	94893	0.403	ng	0.00
27) Fluoranthene-d10	19.093	212	128979	0.374	ng	0.00
31) Terphenyl-d14	19.703	244	112382	0.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	4393	0.405	ng	# 92
3) n-Nitrosodimethylamine	3.631	42	10475	0.422	ng	# 71
6) bis(2-Chloroethyl)ether	7.117	93	28782	0.408	ng	94
9) Naphthalene	10.495	128	115976	0.386	ng	100
10) Hexachlorobutadiene	10.787	225	22633	0.397	ng	# 99
12) 2-Methylnaphthalene	12.109	142	76954	0.387	ng	99
16) Acenaphthylene	14.015	152	95500	0.341	ng	100
17) Acenaphthene	14.357	154	68488	0.394	ng	99
18) Fluorene	15.347	166	83190	0.386	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	3927	0.734	ng	# 63
21) 4-Bromophenyl-phenylether	16.251	248	26350	0.378	ng	# 92
22) Hexachlorobenzene	16.360	284	26240	0.399	ng	# 91
23) Atrazine	16.531	200	19193	0.301	ng	98
24) Pentachlorophenol	16.701	266	9427	0.425	ng	99
25) Phenanthrene	17.090	178	137066	0.407	ng	99
26) Anthracene	17.176	178	113371	0.348	ng	99
28) Fluoranthene	19.117	202	154793	0.399	ng	99
30) Pyrene	19.485	202	153491	0.424	ng	99
32) Benzo(a)anthracene	21.238	228	144512	0.393	ng	99
33) Chrysene	21.291	228	148684	0.418	ng	99
34) Bis(2-ethylhexyl)phtha...	21.195	149	52929	0.267	ng	98
36) Indeno(1,2,3-cd)pyrene	25.812	276	152426	0.437	ng	100
37) Benzo(b)fluoranthene	22.834	252	139473	0.407	ng	98
38) Benzo(k)fluoranthene	22.882	252	143775	0.436	ng	# 98
39) Benzo(a)pyrene	23.416	252	120757	0.390	ng	97
40) Dibenzo(a,h)anthracene	25.832	278	131366	0.444	ng	96
41) Benzo(g,h,i)perylene	26.510	276	126761	0.430	ng	95

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

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