Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016390.D
Acq On : 21 Sep 2021 23:59
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 22 05:02:32 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	23420	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	100637	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	53612	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	105652	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	98968	0.400	ng	#-0.01
35) Perylene-d12	23.515	264	93723	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	23010	0.392	ng	0.00
5) Phenol-d6	6.859	99	27203	0.382	ng	0.00
8) Nitrobenzene-d5	8.810	82	26569	0.444	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	60056	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6374	0.405	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	85913	0.410	ng	0.00
27) Fluoranthene-d10	19.093	212	119583	0.391	ng	0.00
31) Terphenyl-d14	19.703	244	100679	0.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	4126	0.424	ng	# 88
3) n-Nitrosodimethylamine	3.631	42	9620	0.432	ng	# 74
6) bis(2-Chloroethyl)ether	7.117	93	26093	0.411	ng	95
9) Naphthalene	10.495	128	104846	0.387	ng	100
10) Hexachlorobutadiene	10.787	225	20729	0.402	ng	# 99
12) 2-Methylnaphthalene	12.109	142	69341	0.386	ng	98
16) Acenaphthylene	14.015	152	85028	0.341	ng	99
17) Acenaphthene	14.358	154	61419	0.397	ng	99
18) Fluorene	15.347	166	73742	0.384	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	3693	0.765	ng	# 63
21) 4-Bromophenyl-phenylether	16.251	248	23599	0.382	ng	# 89
22) Hexachlorobenzene	16.360	284	23477	0.402	ng	# 91
23) Atrazine	16.531	200	17308	0.306	ng	98
24) Pentachlorophenol	16.701	266	8289	0.421	ng	99
25) Phenanthrene	17.091	178	121001	0.405	ng	99
26) Anthracene	17.188	178	100650	0.348	ng	99
28) Fluoranthene	19.122	202	141988	0.413	ng	99
30) Pyrene	19.485	202	138784	0.443	ng	99
32) Benzo(a)anthracene	21.238	228	122319	0.385	ng	100
33) Chrysene	21.291	228	129749	0.422	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	48667	0.284	ng	98
36) Indeno(1,2,3-cd)pyrene	25.812	276	131947	0.436	ng	100
37) Benzo(b)fluoranthene	22.834	252	119896	0.403	ng	98
38) Benzo(k)fluoranthene	22.879	252	125785	0.439	ng	# 97
39) Benzo(a)pyrene	23.416	252	106996	0.397	ng	97
40) Dibenzo(a,h)anthracene	25.833	278	113480	0.442	ng	96
41) Benzo(g,h,i)perylene	26.507	276	110922	0.434	ng	95

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

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