Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024986.D
Acq On : 18 Apr 2023 19:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 19 05:22:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 05:29:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	9440	0.400	ng	0.00
7) Naphthalene-d8	10.739	136	28415	0.400	ng	#-0.01
13) Acenaphthene-d10	14.576	164	14929	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	31117	0.400	ng	# 0.00
29) Chrysene-d12	21.518	240	24326	0.400	ng	# 0.00
35) Perylene-d12	23.971	264	20918	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.484	112	9683	0.444	ng	0.00
5) Phenol-d6	7.095	99	12839	0.467	ng	0.00
8) Nitrobenzene-d5	9.095	82	10235	0.447	ng	-0.01
11) 2-Methylnaphthalene-d10	12.332	152	16613	0.441	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	2957	0.440	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	26803	0.470	ng	-0.01
27) Fluoranthene-d10	19.355	212	31263	0.443	ng	0.00
31) Terphenyl-d14	19.949	244	28024	0.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	4418	0.426	ng	98
3) n-Nitrosodimethylamine	3.679	42	7400	0.421	ng	98
6) bis(2-Chloroethyl)ether	7.355	93	12126	0.435	ng	98
9) Naphthalene	10.793	128	33530	0.458	ng	99
10) Hexachlorobutadiene	11.081	225	6450	0.463	ng	# 100
12) 2-Methylnaphthalene	12.404	142	22351	0.439	ng	99
16) Acenaphthylene	14.299	152	28634	0.456	ng	100
17) Acenaphthene	14.641	154	19636	0.463	ng	99
18) Fluorene	15.624	166	25518	0.438	ng	99
20) 4,6-Dinitro-2-methylph...	15.710	198	910	0.331	ng	# 75
21) 4-Bromophenyl-phenylether	16.517	248	8041	0.439	ng	# 91
22) Hexachlorobenzene	16.628	284	9731	0.469	ng	100
23) Atrazine	16.777	200	5101	0.408	ng	# 94
24) Pentachlorophenol	16.976	266	3251	0.579	ng	93
25) Phenanthrene	17.361	178	39790	0.440	ng	100
26) Anthracene	17.460	178	33747	0.428	ng	99
28) Fluoranthene	19.384	202	44738	0.436	ng	99
30) Pyrene	19.751	202	45446	0.526	ng	100
32) Benzo(a)anthracene	21.500	228	36476	0.443	ng	98
33) Chrysene	21.553	228	40251	0.467	ng	98
34) Bis(2-ethylhexyl)phtha...	21.419	149	18395	0.416	ng	99
36) Indeno(1,2,3-cd)pyrene	26.530	276	34562	0.377	ng	98
37) Benzo(b)fluoranthene	23.220	252	35230	0.444	ng	99
38) Benzo(k)fluoranthene	23.267	252	35507	0.452	ng	100
39) Benzo(a)pyrene	23.866	252	32198	0.424	ng	97
40) Dibenzo(a,h)anthracene	26.547	278	27402	0.380	ng	98
41) Benzo(g,h,i)perylene	27.310	276	29648	0.379	ng	99

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

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