Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022322\
Data File : BN018696.D
Acq On : 23 Feb 2022 14:16
Operator : CG/JU
Sample : PB142777BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142777BSD

Quant Time: Feb 24 01:36:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6581	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	15615	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	7328	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	13315	0.400	ng	0.00
29) Chrysene-d12	21.458	240	9956	0.400	ng	# 0.00
35) Perylene-d12	23.861	264	9501	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	4965	0.330	ng	0.00
5) Phenol-d6	7.067	99	5516	0.318	ng	0.00
8) Nitrobenzene-d5	9.067	82	3688	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	7748	0.329	ng	0.00
14) 2,4,6-Tribromophenol	16.036	330	792	0.277	ng	0.01
15) 2-Fluorobiphenyl	13.180	172	11585	0.334	ng	0.00
27) Fluoranthene-d10	19.312	212	11609	0.321	ng	0.00
31) Terphenyl-d14	19.906	244	7286	0.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	2668	0.349	ng	# 61
3) n-Nitrosodimethylamine	3.644	42	2546	0.336	ng	87
6) bis(2-Chloroethyl)ether	7.334	93	6045	0.340	ng	98
9) Naphthalene	10.776	128	15022	0.333	ng	99
10) Hexachlorobutadiene	11.075	225	3553	0.328	ng	# 100
12) 2-Methylnaphthalene	12.382	142	8989	0.298	ng	97
16) Acenaphthylene	14.271	152	10648	0.306	ng	99
17) Acenaphthene	14.613	154	7703	0.321	ng	99
18) Fluorene	15.586	166	9278	0.321	ng	99
20) 4,6-Dinitro-2-methylph...	15.660	198	507	0.323	ng	# 91
21) 4-Bromophenyl-phenylether	16.477	248	2983	0.315	ng	# 91
22) Hexachlorobenzene	16.600	284	3808	0.321	ng	# 86
23) Atrazine	16.733	200	1490	0.285	ng	# 91
24) Pentachlorophenol	16.938	266	564	0.305	ng	98
25) Phenanthrene	17.328	178	14451	0.324	ng	100
26) Anthracene	17.420	178	11499	0.305	ng	99
28) Fluoranthene	19.341	202	14580	0.313	ng	# 97
30) Pyrene	19.704	202	14747	0.332	ng	100
32) Benzo(a)anthracene	21.449	228	11956	0.317	ng	99
33) Chrysene	21.494	228	14484	0.344	ng	99
34) Bis(2-ethylhexyl)phtha...	21.378	149	4858	0.317	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.349	276	16675	0.332	ng	# 88
37) Benzo(b)fluoranthene	23.130	252	13680	0.317	ng	# 88
38) Benzo(k)fluoranthene	23.176	252	13627	0.318	ng	# 92
39) Benzo(a)pyrene	23.752	252	10889	0.316	ng	# 80
40) Dibenzo(a,h)anthracene	26.363	278	12805	0.327	ng	# 90
41) Benzo(g,h,i)perylene	27.103	276	13604	0.317	ng	# 89

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

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