Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022322\
Data File : BN018693.D
Acq On : 23 Feb 2022 12:27
Operator : CG/JU
Sample : PB142777BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Quant Time: Feb 23 14:41:26 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	6714	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	16723	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	8647	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	15897	0.400	ng	0.00
29) Chrysene-d12	21.467	240	10628	0.400	ng	# 0.00
35) Perylene-d12	23.864	264	8771	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	4913	0.320	ng	0.00
5) Phenol-d6	7.067	99	5584	0.316	ng	0.00
8) Nitrobenzene-d5	9.067	82	3890	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	8559	0.340	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	926	0.274	ng	0.00
15) 2-Fluorobiphenyl	13.180	172	13262	0.324	ng	0.00
27) Fluoranthene-d10	19.312	212	13701	0.318	ng	0.00
31) Terphenyl-d14	19.906	244	8562	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	2650	0.340	ng	# 63
3) n-Nitrosodimethylamine	3.644	42	2583	0.334	ng	# 88
6) bis(2-Chloroethyl)ether	7.327	93	6201	0.341	ng	97
9) Naphthalene	10.776	128	16194	0.336	ng	100
10) Hexachlorobutadiene	11.075	225	3841	0.331	ng	# 100
12) 2-Methylnaphthalene	12.382	142	11050	0.342	ng	97
16) Acenaphthylene	14.271	152	12449	0.303	ng	99
17) Acenaphthene	14.613	154	9054	0.320	ng	99
18) Fluorene	15.586	166	11013	0.323	ng	98
20) 4,6-Dinitro-2-methylph...	15.661	198	553	0.308	ng	# 91
21) 4-Bromophenyl-phenylether	16.477	248	3619	0.320	ng	93
22) Hexachlorobenzene	16.600	284	4712	0.333	ng	# 86
23) Atrazine	16.733	200	1821	0.292	ng	# 92
24) Pentachlorophenol	16.938	266	661	0.303	ng	98
25) Phenanthrene	17.328	178	17754	0.334	ng	100
26) Anthracene	17.420	178	13769	0.306	ng	100
28) Fluoranthene	19.341	202	17366	0.312	ng	# 97
30) Pyrene	19.704	202	17282	0.364	ng	99
32) Benzo(a)anthracene	21.449	228	12336	0.306	ng	99
33) Chrysene	21.503	228	15193	0.338	ng	99
34) Bis(2-ethylhexyl)phtha...	21.378	149	4999	0.305	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.349	276	14647	0.316	ng	# 89
37) Benzo(b)fluoranthene	23.133	252	13174	0.331	ng	# 90
38) Benzo(k)fluoranthene	23.179	252	12926	0.327	ng	# 92
39) Benzo(a)pyrene	23.755	252	9979	0.314	ng	# 83
40) Dibenzo(a,h)anthracene	26.369	278	11206	0.310	ng	# 89
41) Benzo(g,h,i)perylene	27.112	276	12337	0.311	ng	# 88

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

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