Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022322\
Data File : BN018698.D
Acq On : 23 Feb 2022 15:29
Operator : CG/JU
Sample : PB142873BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142873BS

Quant Time: Feb 24 01:36:37 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	7029	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	16547	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	7708	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	13887	0.400	ng	0.00
29) Chrysene-d12	21.467	240	10381	0.400	ng	# 0.00
35) Perylene-d12	23.864	264	10101	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	5265	0.327	ng	0.00
5) Phenol-d6	7.067	99	5888	0.318	ng	0.00
8) Nitrobenzene-d5	9.068	82	3904	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	8112	0.325	ng	0.00
14) 2,4,6-Tribromophenol	16.036	330	832	0.276	ng	0.01
15) 2-Fluorobiphenyl	13.180	172	12207	0.334	ng	0.00
27) Fluoranthene-d10	19.312	212	12023	0.319	ng	0.00
31) Terphenyl-d14	19.906	244	7587	0.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	2872	0.352	ng	# 60
3) n-Nitrosodimethylamine	3.644	42	2733	0.338	ng	# 88
6) bis(2-Chloroethyl)ether	7.334	93	6458	0.340	ng	99
9) Naphthalene	10.776	128	16005	0.335	ng	99
10) Hexachlorobutadiene	11.075	225	3767	0.328	ng	# 100
12) 2-Methylnaphthalene	12.382	142	10601	0.332	ng	97
16) Acenaphthylene	14.271	152	10895	0.298	ng	100
17) Acenaphthene	14.613	154	8062	0.319	ng	99
18) Fluorene	15.596	166	9672	0.318	ng	99
20) 4,6-Dinitro-2-methylph...	15.661	198	538	0.326	ng	93
21) 4-Bromophenyl-phenylether	16.477	248	3059	0.310	ng	# 91
22) Hexachlorobenzene	16.600	284	3985	0.323	ng	# 86
23) Atrazine	16.733	200	1596	0.293	ng	# 90
24) Pentachlorophenol	16.938	266	638	0.318	ng	96
25) Phenanthrene	17.328	178	15126	0.325	ng	100
26) Anthracene	17.420	178	12002	0.305	ng	99
28) Fluoranthene	19.341	202	15217	0.313	ng	# 97
30) Pyrene	19.704	202	15336	0.331	ng	100
32) Benzo(a)anthracene	21.449	228	12370	0.314	ng	99
33) Chrysene	21.503	228	14584	0.332	ng	99
34) Bis(2-ethylhexyl)phtha...	21.378	149	5400	0.338	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.349	276	18014	0.338	ng	# 88
37) Benzo(b)fluoranthene	23.130	252	14310	0.312	ng	# 87
38) Benzo(k)fluoranthene	23.179	252	14548	0.320	ng	# 92
39) Benzo(a)pyrene	23.758	252	11639	0.318	ng	# 73
40) Dibenzo(a,h)anthracene	26.366	278	13871	0.333	ng	# 91
41) Benzo(g,h,i)perylene	27.109	276	14482	0.317	ng	# 88

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

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