Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021704.D
Acq On : 10 Sep 2022 18:55
Operator : CG/JU
Sample : PB147560BSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147560BSD

Quant Time: Sep 12 01:12:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6140	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	20539	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	11768	0.400	ng	-0.01
19) Phenanthrene-d10	17.460	188	22537	0.400	ng	-0.01
29) Chrysene-d12	21.646	240	13199	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	10062	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	6553	0.545	ng	0.00
5) Phenol-d6	7.217	99	8838	0.577	ng	0.00
8) Nitrobenzene-d5	9.233	82	6431	0.464	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	19051	0.412	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1687	0.437	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	18685	0.363	ng	0.00
27) Fluoranthene-d10	19.493	212	20985	0.362	ng	0.00
31) Terphenyl-d14	20.079	244	13828	0.466	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2851	0.371	ng	# 91
3) n-Nitrosodimethylamine	3.736	42	2917	0.422	ng	# 96
6) bis(2-Chloroethyl)ether	7.477	93	7739	0.402	ng	98
9) Naphthalene	10.941	128	22807	0.375	ng	99
10) Hexachlorobutadiene	11.219	225	3872	0.368	ng	# 99
12) 2-Methylnaphthalene	12.180	142	4784	0.599	ng	# 92
16) Acenaphthylene	14.429	152	21385	0.387	ng	100
17) Acenaphthene	14.771	154	14550	0.374	ng	99
18) Fluorene	15.755	166	18007	0.375	ng	100
21) 4-Bromophenyl-phenylether	16.649	248	5484	0.389	ng	93
22) Hexachlorobenzene	16.762	284	6370	0.369	ng	99
23) Atrazine	16.916	200	4153	0.505	ng	97
24) Pentachlorophenol	17.111	266	1215	0.437	ng	99
25) Phenanthrene	17.501	178	28889	0.371	ng	100
26) Anthracene	17.593	178	24171	0.391	ng	100
28) Fluoranthene	19.522	202	28137	0.348	ng	99
30) Pyrene	19.885	202	30519	0.434	ng	96
32) Benzo(a)anthracene	21.637	228	19987	0.435	ng	99
33) Chrysene	21.691	228	20052	0.366	ng	99
34) Bis(2-ethylhexyl)phtha...	21.548	149	14142	0.764	ng	99
36) Indeno(1,2,3-cd)pyrene	26.808	276	19857	0.437	ng	99
37) Benzo(b)fluoranthene	23.387	252	16742	0.338	ng	97
38) Benzo(k)fluoranthene	23.440	252	16559	0.332	ng	96
39) Benzo(a)pyrene	24.051	252	13427	0.388	ng	95
40) Dibenzo(a,h)anthracene	26.831	278	15649	0.428	ng	98
41) Benzo(g,h,i)perylene	27.623	276	16308	0.407	ng	97

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

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