Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028157.D
Acq On : 09 Oct 2023 12:45
Operator : MA/JU
Sample : PB155839BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Quant Time: Oct 09 14:01:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 12:40:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	4029	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11428	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	5259	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	9881	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	9167	0.400	ng	0.00
35) Perylene-d12	23.981	264	9927	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3990	0.332	ng	0.00
5) Phenol-d6	7.091	99	4567	0.301	ng	0.00
8) Nitrobenzene-d5	9.123	82	3883	0.399	ng	0.00
11) 2-Methylnaphthalene-d10	12.328	152	7707	0.455	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	586	0.243	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	8571	0.452	ng	0.00
27) Fluoranthene-d10	19.360	212	9688	0.390	ng	0.00
31) Terphenyl-d14	19.946	244	8665	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	1666	0.369	ng	# 77
3) n-Nitrosodimethylamine	3.704	42	2102	0.406	ng	97
6) bis(2-Chloroethyl)ether	7.365	93	4386	0.359	ng	96
9) Naphthalene	10.789	128	11837	0.401	ng	100
10) Hexachlorobutadiene	11.013	225	2137	0.408	ng	# 99
12) 2-Methylnaphthalene	12.400	142	7003	0.339	ng	98
16) Acenaphthylene	14.298	152	8776	0.377	ng	100
17) Acenaphthene	14.630	154	5910	0.398	ng	99
18) Fluorene	15.618	166	7227	0.375	ng	100
20) 4,6-Dinitro-2-methylph...	16.785	198	57	0.434	ng	79
21) 4-Bromophenyl-phenylether	16.512	248	1930	0.375	ng	# 82
22) Hexachlorobenzene	16.599	284	2317	0.429	ng	96
23) Atrazine	16.785	200	1463	0.325	ng	97
24) Pentachlorophenol	16.971	266	7233	2.841	ng	94
25) Phenanthrene	17.368	178	10534	0.395	ng	99
26) Anthracene	17.467	178	9065	0.360	ng	99
28) Fluoranthene	19.388	202	11738	0.382	ng	99
30) Pyrene	19.755	202	12177	0.362	ng	99
32) Benzo(a)anthracene	21.497	228	11958	0.383	ng	100
33) Chrysene	21.551	228	12105	0.403	ng	98
34) Bis(2-ethylhexyl)phtha...	21.372	149	5222	0.255	ng	99
36) Indeno(1,2,3-cd)pyrene	26.562	276	15992	0.479	ng	99
37) Benzo(b)fluoranthene	23.218	252	13072	0.408	ng	100
38) Benzo(k)fluoranthene	23.265	252	12671	0.390	ng	98
39) Benzo(a)pyrene	23.867	252	11079	0.365	ng	98
40) Dibenzo(a,h)anthracene	26.577	278	13043	0.477	ng	97
41) Benzo(g,h,i)perylene	27.375	276	13712	0.489	ng	98

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

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