Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028163.D
Acq On : 09 Oct 2023 16:23
Operator : MA/JU
Sample : PB155921BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Quant Time: Oct 09 17:11:32 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	4077	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	11498	0.400	ng	# 0.01
13) Acenaphthene-d10	14.566	164	5247	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	9833	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	8912	0.400	ng	0.00
35) Perylene-d12	23.981	264	9645	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	3824	0.314	ng	0.00
5) Phenol-d6	7.091	99	4350	0.283	ng	0.00
8) Nitrobenzene-d5	9.123	82	3692	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.328	152	7285	0.428	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	537	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	8265	0.437	ng	0.00
27) Fluoranthene-d10	19.360	212	9277	0.376	ng	0.00
31) Terphenyl-d14	19.946	244	8289	0.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	1640	0.359	ng	# 68
3) n-Nitrosodimethylamine	3.704	42	2088	0.399	ng	95
6) bis(2-Chloroethyl)ether	7.365	93	4234	0.343	ng	94
9) Naphthalene	10.789	128	11613	0.391	ng	99
10) Hexachlorobutadiene	11.013	225	2113	0.401	ng	# 99
12) 2-Methylnaphthalene	12.404	142	6798	0.327	ng	98
16) Acenaphthylene	14.298	152	8349	0.359	ng	99
17) Acenaphthene	14.630	154	5700	0.385	ng	98
18) Fluorene	15.618	166	6969	0.362	ng	99
20) 4,6-Dinitro-2-methylph...	16.797	198	52	0.398	ng	# 78
21) 4-Bromophenyl-phenylether	16.512	248	1842	0.359	ng	# 84
22) Hexachlorobenzene	16.599	284	2280	0.424	ng	95
23) Atrazine	16.785	200	1415	0.316	ng	97
24) Pentachlorophenol	16.971	266	6756	2.667	ng	94
25) Phenanthrene	17.368	178	10247	0.387	ng	100
26) Anthracene	17.468	178	8602	0.343	ng	99
28) Fluoranthene	19.388	202	11328	0.370	ng	99
30) Pyrene	19.755	202	11768	0.360	ng	99
32) Benzo(a)anthracene	21.497	228	11195	0.369	ng	99
33) Chrysene	21.551	228	11680	0.400	ng	99
34) Bis(2-ethylhexyl)phtha...	21.372	149	4797	0.240	ng	98
36) Indeno(1,2,3-cd)pyrene	26.571	276	15030	0.463	ng	99
37) Benzo(b)fluoranthene	23.218	252	12357	0.397	ng	98
38) Benzo(k)fluoranthene	23.268	252	11741	0.372	ng	98
39) Benzo(a)pyrene	23.873	252	10609	0.360	ng	96
40) Dibenzo(a,h)anthracene	26.586	278	12152	0.458	ng	97
41) Benzo(g,h,i)perylene	27.381	276	12988	0.477	ng	98

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

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