Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023835.D
Acq On : 27 Jan 2023 12:01
Operator : CG/JU
Sample : PB150423BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150423BSD

Quant Time: Jan 30 02:26:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 02:24:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152	6360	0.400	ng		0.00
7) Naphthalene-d8	10.680	136	17596	0.400	ng		# 0.00
13) Acenaphthene-d10	14.517	164	10327	0.400	ng		0.00
19) Phenanthrene-d10	17.265	188	23486	0.400	ng		# 0.00
29) Chrysene-d12	21.464	240	24135	0.400	ng		0.00
35) Perylene-d12	23.863	264	21890	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	5188	0.392	ng		0.00
5) Phenol-d6	7.038	99	6096	0.389	ng		0.00
8) Nitrobenzene-d5	9.035	82	5046	0.377	ng		0.00
11) 2-Methylnaphthalene-d10	12.272	152	8844	0.380	ng		0.00
14) 2,4,6-Tribromophenol	16.012	330	1700	0.376	ng		0.00
15) 2-Fluorobiphenyl	13.148	172	14072	0.342	ng		0.00
27) Fluoranthene-d10	19.300	212	21133	0.386	ng		0.00
31) Terphenyl-d14	19.899	244	16094	0.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	2306	0.344	ng		96
3) n-Nitrosodimethylamine	3.644	42	2746	0.386	ng	#	98
6) bis(2-Chloroethyl)ether	7.298	93	6127	0.386	ng		99
9) Naphthalene	10.733	128	15989	0.363	ng		100
10) Hexachlorobutadiene	11.021	225	3468	0.392	ng	#	99
12) 2-Methylnaphthalene	12.348	142	11094	0.393	ng		99
16) Acenaphthylene	14.239	152	14117	0.345	ng		100
17) Acenaphthene	14.581	154	10010	0.364	ng		99
18) Fluorene	15.564	166	13551	0.363	ng		99
20) 4,6-Dinitro-2-methylph...	15.650	198	1323	0.390	ng	#	73
21) 4-Bromophenyl-phenylether	16.459	248	4544	0.348	ng		90
22) Hexachlorobenzene	16.570	284	5295	0.338	ng		96
23) Atrazine	16.732	200	3511	0.371	ng		95
24) Pentachlorophenol	16.918	266	1805	0.402	ng		98
25) Phenanthrene	17.303	178	23254	0.357	ng		100
26) Anthracene	17.402	178	18676	0.354	ng		99
28) Fluoranthene	19.330	202	26887	0.376	ng		99
30) Pyrene	19.696	202	27053	0.330	ng		100
32) Benzo(a)anthracene	21.446	228	26579	0.362	ng		99
33) Chrysene	21.500	228	28545	0.352	ng		99
34) Bis(2-ethylhexyl)phtha...	21.374	149	12094	0.363	ng		97
36) Indeno(1,2,3-cd)pyrene	26.345	276	33974	0.373	ng		97
37) Benzo(b)fluoranthene	23.135	252	28536	0.346	ng	#	95
38) Benzo(k)fluoranthene	23.182	252	28145	0.345	ng	#	94
39) Benzo(a)pyrene	23.758	252	22000	0.355	ng	#	92
40) Dibenzo(a,h)anthracene	26.360	278	27672	0.376	ng		95
41) Benzo(g,h,i)perylene	27.111	276	28551	0.365	ng		96

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

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