Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023723.D
Acq On : 19 Jan 2023 18:02
Operator : CG/JU
Sample : PB150339BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150339BSD

Quant Time: Jan 20 04:17:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:14:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.013	152	5171	0.400	ng		0.02
7) Naphthalene-d8	10.840	136	14153	0.400	ng		0.02
13) Acenaphthene-d10	14.666	164	6844	0.400	ng		0.02
19) Phenanthrene-d10	17.427	188	15459	0.400	ng	#	0.02
29) Chrysene-d12	21.616	240	14911	0.400	ng		0.03
35) Perylene-d12	24.115	264	13259	0.400	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.543	112	4791	0.441	ng		0.02
5) Phenol-d6	7.176	99	5695	0.441	ng		0.03
8) Nitrobenzene-d5	9.185	82	4345	0.388	ng		0.02
11) 2-Methylnaphthalene-d10	12.431	152	8329	0.426	ng		0.03
14) 2,4,6-Tribromophenol	16.173	330	875	0.301	ng		0.02
15) 2-Fluorobiphenyl	13.298	172	10387	0.356	ng		0.02
27) Fluoranthene-d10	19.456	212	14937	0.412	ng		0.02
31) Terphenyl-d14	20.049	244	11016	0.468	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	2201	0.401	ng		97
3) n-Nitrosodimethylamine	3.702	42	2352	0.367	ng	#	93
6) bis(2-Chloroethyl)ether	7.436	93	5545	0.417	ng		99
9) Naphthalene	10.893	128	14433	0.394	ng		99
10) Hexachlorobutadiene	11.181	225	2910	0.391	ng	#	100
12) 2-Methylnaphthalene	12.503	142	4719	0.183	ng		100
16) Acenaphthylene	14.388	152	10243	0.367	ng		100
17) Acenaphthene	14.730	154	7362	0.378	ng		98
18) Fluorene	15.714	166	8892	0.322	ng		96
20) 4,6-Dinitro-2-methylph...	15.801	198	149	0.068	ng	#	1
21) 4-Bromophenyl-phenylether	16.608	248	3270	0.370	ng	#	83
22) Hexachlorobenzene	16.732	284	4005	0.370	ng		98
23) Atrazine	16.881	200	2441	0.385	ng	#	95
24) Pentachlorophenol	17.079	266	400	0.243	ng		98
25) Phenanthrene	17.464	178	16421	0.365	ng		99
26) Anthracene	17.551	178	13734	0.377	ng		100
28) Fluoranthene	19.486	202	19383	0.395	ng		99
30) Pyrene	19.848	202	19757	0.358	ng		100
32) Benzo(a)anthracene	21.598	228	18381	0.387	ng		99
33) Chrysene	21.652	228	20043	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	21.518	149	9054	0.428	ng		97
36) Indeno(1,2,3-cd)pyrene	26.755	276	21347	0.360	ng		98
37) Benzo(b)fluoranthene	23.346	252	19178	0.348	ng		99
38) Benzo(k)fluoranthene	23.395	252	19456	0.349	ng		98
39) Benzo(a)pyrene	24.001	252	15045	0.370	ng		99
40) Dibenzo(a,h)anthracene	26.778	278	17430	0.365	ng		98
41) Benzo(g,h,i)perylene	27.567	276	17553	0.348	ng		98

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

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