Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031901.D
Acq On : 11 Jun 2024 05:59
Operator : MA/JU
Sample : PB161392BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Quant Time: Jun 11 06:34:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	13020	0.400	ng		0.00
7) Naphthalene-d8	10.443	136	43223	0.400	ng		-0.01
13) Acenaphthene-d10	14.306	164	26920	0.400	ng		-0.01
19) Phenanthrene-d10	17.054	188	61750	0.400	ng		#-0.01
29) Chrysene-d12	21.247	240	49478	0.400	ng		#-0.02
35) Perylene-d12	23.484	264	45796	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	12291	0.332	ng		0.00
5) Phenol-d6	6.844	99	16138	0.332	ng		0.00
8) Nitrobenzene-d5	8.820	82	11923	0.332	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	23611	0.343	ng		0.00
14) 2,4,6-Tribromophenol	15.800	330	3660	0.284	ng		-0.01
15) 2-Fluorobiphenyl	12.927	172	35703	0.350	ng		0.00
27) Fluoranthene-d10	19.091	212	54358	0.323	ng		0.00
31) Terphenyl-d14	19.695	244	41962	0.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	5363	0.336	ng		95
3) n-Nitrosodimethylamine	3.529	42	5338	0.352	ng		98
6) bis(2-Chloroethyl)ether	7.097	93	14678	0.351	ng		99
9) Naphthalene	10.496	128	40577	0.349	ng		100
10) Hexachlorobutadiene	10.774	225	6976	0.343	ng	#	98
12) 2-Methylnaphthalene	12.119	142	27570	0.347	ng		98
16) Acenaphthylene	14.028	152	39774	0.320	ng		100
17) Acenaphthene	14.370	154	27386	0.343	ng		99
18) Fluorene	15.354	166	36401	0.341	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	2652	0.378	ng	#	86
21) 4-Bromophenyl-phenylether	16.247	248	11566	0.330	ng	#	77
22) Hexachlorobenzene	16.358	284	12445	0.343	ng		99
23) Atrazine	16.532	200	8967	0.280	ng		96
24) Pentachlorophenol	16.718	266	4514	0.366	ng		99
25) Phenanthrene	17.091	178	59001	0.344	ng		100
26) Anthracene	17.190	178	50672	0.319	ng		100
28) Fluoranthene	19.124	202	68233	0.328	ng		100
30) Pyrene	19.486	202	69905	0.356	ng		100
32) Benzo(a)anthracene	21.238	228	60463	0.324	ng		99
33) Chrysene	21.283	228	59308	0.337	ng		98
34) Bis(2-ethylhexyl)phtha...	21.166	149	31640	0.249	ng		98
36) Indeno(1,2,3-cd)pyrene	25.738	276	57094	0.334	ng		99
37) Benzo(b)fluoranthene	22.812	252	59402	0.356	ng		97
38) Benzo(k)fluoranthene	22.856	252	56301	0.357	ng		98
39) Benzo(a)pyrene	23.385	252	50211	0.349	ng		97
40) Dibenzo(a,h)anthracene	25.753	278	45196	0.336	ng		98
41) Benzo(g,h,i)perylene	26.428	276	48287	0.334	ng		99

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

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