Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
Data File : BN030663.D
Acq On : 04 Apr 2024 16:28
Operator : MA/JU
Sample : PB159971BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159971BSD

Quant Time: Apr 04 17:17:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.697	152	6951	0.400	ng		0.00
7) Naphthalene-d8	10.474	136	20867	0.400	ng		-0.01
13) Acenaphthene-d10	14.327	164	12962	0.400	ng		-0.01
19) Phenanthrene-d10	17.077	188	29468	0.400	ng		#-0.01
29) Chrysene-d12	21.276	240	24970	0.400	ng		# 0.00
35) Perylene-d12	23.521	264	22645	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	7284	0.481	ng		-0.01
5) Phenol-d6	6.859	99	8874	0.456	ng		-0.01
8) Nitrobenzene-d5	8.841	82	6657	0.454	ng		-0.01
11) 2-Methylnaphthalene-d10	12.070	152	13024	0.408	ng		-0.01
14) 2,4,6-Tribromophenol	15.824	330	2629	0.537	ng		-0.01
15) 2-Fluorobiphenyl	12.948	172	17606	0.351	ng		-0.02
27) Fluoranthene-d10	19.117	212	31100	0.391	ng		0.00
31) Terphenyl-d14	19.725	244	24397	0.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	3084	0.368	ng		99
3) n-Nitrosodimethylamine	3.537	42	3327	0.410	ng	#	93
6) bis(2-Chloroethyl)ether	7.126	93	7904	0.412	ng		96
9) Naphthalene	10.528	128	22573	0.390	ng		99
10) Hexachlorobutadiene	10.805	225	4583	0.388	ng	#	99
12) 2-Methylnaphthalene	12.141	142	15323	0.404	ng		98
16) Acenaphthylene	14.049	152	22609	0.385	ng		100
17) Acenaphthene	14.391	154	15082	0.371	ng		98
18) Fluorene	15.385	166	20123	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.460	198	1005	0.393	ng	#	71
21) 4-Bromophenyl-phenylether	16.283	248	6621	0.372	ng	#	66
22) Hexachlorobenzene	16.382	284	7648	0.360	ng		98
23) Atrazine	16.556	200	6043	0.467	ng	#	91
24) Pentachlorophenol	16.730	266	3437	0.563	ng		98
25) Phenanthrene	17.115	178	31785	0.364	ng		100
26) Anthracene	17.214	178	28323	0.386	ng		100
28) Fluoranthene	19.149	202	39029	0.376	ng		100
30) Pyrene	19.511	202	40581	0.415	ng		99
32) Benzo(a)anthracene	21.267	228	36308	0.411	ng		99
33) Chrysene	21.312	228	34775	0.367	ng		99
34) Bis(2-ethylhexyl)phtha...	21.204	149	26423	0.689	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.787	276	31573	0.315	ng		99
37) Benzo(b)fluoranthene	22.846	252	33562	0.364	ng		97
38) Benzo(k)fluoranthene	22.890	252	32264	0.349	ng		98
39) Benzo(a)pyrene	23.422	252	27758	0.376	ng		96
40) Dibenzo(a,h)anthracene	25.802	278	25186	0.317	ng		98
41) Benzo(g,h,i)perylene	26.477	276	26395	0.309	ng		99

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

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