Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
Data File : BN031675.D
Acq On : 28 May 2024 14:42
Operator : MA/JU
Sample : PB160989BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160989BS

Quant Time: May 28 15:24:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	15885	0.400	ng	-0.03
7) Naphthalene-d8	10.474	136	48039	0.400	ng	#-0.02
13) Acenaphthene-d10	14.328	164	21387	0.400	ng	-0.02
19) Phenanthrene-d10	17.066	188	36969	0.400	ng	-0.02
29) Chrysene-d12	21.256	240	28794	0.400	ng	-0.02
35) Perylene-d12	23.493	264	31265	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	14754	0.327	ng	-0.01
5) Phenol-d6	6.859	99	19042	0.313	ng	-0.01
8) Nitrobenzene-d5	8.841	82	15157	0.440	ng	-0.02
11) 2-Methylnaphthalene-d10	12.062	152	27256	0.352	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	1837	0.226	ng	-0.02
15) 2-Fluorobiphenyl	12.949	172	36651	0.444	ng	-0.03
27) Fluoranthene-d10	19.100	212	35411	0.345	ng	-0.02
31) Terphenyl-d14	19.704	244	24389	0.346	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.241	88	7097	0.363	ng	# 86
3) n-Nitrosodimethylamine	3.544	42	6827	0.354	ng	96
6) bis(2-Chloroethyl)ether	7.119	93	17788	0.336	ng	98
9) Naphthalene	10.517	128	45532	0.341	ng	96
10) Hexachlorobutadiene	10.805	225	7516	0.321	ng	# 100
12) 2-Methylnaphthalene	12.138	142	26881	0.295	ng	98
16) Acenaphthylene	14.039	152	32707	0.304	ng	100
17) Acenaphthene	14.381	154	21745	0.324	ng	96
18) Fluorene	15.375	166	25471	0.290	ng	100
20) 4,6-Dinitro-2-methylph...	15.450	198	792	0.262	ng	# 47
21) 4-Bromophenyl-phenylether	16.271	248	7133	0.329	ng	94
22) Hexachlorobenzene	16.371	284	7752	0.355	ng	95
23) Atrazine	16.532	200	4773	0.243	ng	# 90
24) Pentachlorophenol	16.718	266	2042	0.265	ng	97
25) Phenanthrene	17.103	178	35664	0.345	ng	100
26) Anthracene	17.202	178	29673	0.290	ng	100
28) Fluoranthene	19.133	202	37382	0.297	ng	99
30) Pyrene	19.495	202	38293	0.328	ng	100
32) Benzo(a)anthracene	21.238	228	33131	0.298	ng	99
33) Chrysene	21.292	228	35244	0.333	ng	99
34) Bis(2-ethylhexyl)phtha...	21.184	149	13000	0.200	ng	98
36) Indeno(1,2,3-cd)pyrene	25.750	276	43941	0.353	ng	98
37) Benzo(b)fluoranthene	22.820	252	38473	0.343	ng	# 94
38) Benzo(k)fluoranthene	22.864	252	37621	0.354	ng	96
39) Benzo(a)pyrene	23.396	252	33118	0.339	ng	# 90
40) Dibenzo(a,h)anthracene	25.770	278	34349	0.348	ng	99
41) Benzo(g,h,i)perylene	26.440	276	37223	0.350	ng	98

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

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