Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
Data File : BN031672.D
Acq On : 28 May 2024 12:53
Operator : MA/JU
Sample : PB161112BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161112BSD

Quant Time: May 28 13:18:59 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	15693	0.400	ng		-0.03
7) Naphthalene-d8	10.474	136	50887	0.400	ng		#-0.02
13) Acenaphthene-d10	14.328	164	26417	0.400	ng		-0.02
19) Phenanthrene-d10	17.066	188	46860	0.400	ng		-0.03
29) Chrysene-d12	21.256	240	30502	0.400	ng		#-0.02
35) Perylene-d12	23.496	264	32688	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	14585	0.327	ng		-0.01
5) Phenol-d6	6.859	99	19164	0.319	ng		-0.01
8) Nitrobenzene-d5	8.841	82	15776	0.432	ng		-0.02
11) 2-Methylnaphthalene-d10	12.066	152	30885	0.377	ng		-0.03
14) 2,4,6-Tribromophenol	15.812	330	2483	0.248	ng		-0.03
15) 2-Fluorobiphenyl	12.948	172	42876	0.421	ng		-0.03
27) Fluoranthene-d10	19.100	212	41591	0.320	ng		-0.02
31) Terphenyl-d14	19.704	244	28327	0.380	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	6910	0.358	ng	#	84
3) n-Nitrosodimethylamine	3.544	42	6417	0.337	ng		98
6) bis(2-Chloroethyl)ether	7.119	93	17714	0.339	ng		98
9) Naphthalene	10.517	128	48328	0.342	ng		96
10) Hexachlorobutadiene	10.805	225	7732	0.312	ng	#	99
12) 2-Methylnaphthalene	12.138	142	30502	0.316	ng		98
16) Acenaphthylene	14.039	152	40521	0.305	ng		99
17) Acenaphthene	14.381	154	27223	0.328	ng		97
18) Fluorene	15.375	166	32247	0.297	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	1344	0.351	ng	#	48
21) 4-Bromophenyl-phenylether	16.271	248	9342	0.340	ng		93
22) Hexachlorobenzene	16.371	284	10153	0.367	ng		97
23) Atrazine	16.544	200	6350	0.255	ng		98
24) Pentachlorophenol	16.718	266	2864	0.293	ng		97
25) Phenanthrene	17.103	178	44703	0.341	ng		100
26) Anthracene	17.202	178	37581	0.290	ng		100
28) Fluoranthene	19.133	202	43677	0.274	ng		99
30) Pyrene	19.495	202	43806	0.355	ng		100
32) Benzo(a)anthracene	21.247	228	36522	0.310	ng		99
33) Chrysene	21.291	228	37070	0.331	ng		99
34) Bis(2-ethylhexyl)phtha...	21.184	149	15328	0.222	ng		98
36) Indeno(1,2,3-cd)pyrene	25.750	276	45272	0.348	ng		98
37) Benzo(b)fluoranthene	22.820	252	39609	0.338	ng	#	95
38) Benzo(k)fluoranthene	22.864	252	38986	0.351	ng		96
39) Benzo(a)pyrene	23.396	252	34257	0.336	ng	#	91
40) Dibenzo(a,h)anthracene	25.770	278	35480	0.344	ng		98
41) Benzo(g,h,i)perylene	26.440	276	38451	0.346	ng		98

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

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