Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
Data File : BN031676.D
Acq On : 28 May 2024 15:18
Operator : MA/JU
Sample : PB160989BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160989BSD

Quant Time: May 28 15:46:58 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	16081	0.400	ng	-0.03
7) Naphthalene-d8	10.474	136	49012	0.400	ng	#-0.02
13) Acenaphthene-d10	14.328	164	21336	0.400	ng	-0.02
19) Phenanthrene-d10	17.066	188	36770	0.400	ng	-0.02
29) Chrysene-d12	21.256	240	28006	0.400	ng	-0.02
35) Perylene-d12	23.493	264	30525	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	14862	0.325	ng	-0.01
5) Phenol-d6	6.852	99	19258	0.313	ng	-0.02
8) Nitrobenzene-d5	8.841	82	15638	0.445	ng	-0.02
11) 2-Methylnaphthalene-d10	12.062	152	27762	0.351	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	1802	0.223	ng	-0.02
15) 2-Fluorobiphenyl	12.949	172	37272	0.453	ng	-0.03
27) Fluoranthene-d10	19.100	212	34268	0.336	ng	-0.02
31) Terphenyl-d14	19.704	244	23471	0.343	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.241	88	7126	0.360	ng	# 86
3) n-Nitrosodimethylamine	3.544	42	6867	0.352	ng	96
6) bis(2-Chloroethyl)ether	7.119	93	18206	0.340	ng	97
9) Naphthalene	10.517	128	46470	0.341	ng	96
10) Hexachlorobutadiene	10.805	225	7585	0.317	ng	# 100
12) 2-Methylnaphthalene	12.138	142	27362	0.295	ng	99
16) Acenaphthylene	14.039	152	32705	0.305	ng	100
17) Acenaphthene	14.381	154	21993	0.329	ng	96
18) Fluorene	15.375	166	25102	0.287	ng	99
20) 4,6-Dinitro-2-methylph...	15.450	198	835	0.278	ng	# 59
21) 4-Bromophenyl-phenylether	16.271	248	7116	0.330	ng	92
22) Hexachlorobenzene	16.371	284	7640	0.352	ng	96
23) Atrazine	16.532	200	4595	0.235	ng	# 90
24) Pentachlorophenol	16.718	266	2040	0.266	ng	98
25) Phenanthrene	17.103	178	34936	0.339	ng	100
26) Anthracene	17.202	178	28968	0.284	ng	99
28) Fluoranthene	19.133	202	36031	0.288	ng	99
30) Pyrene	19.495	202	37103	0.327	ng	100
32) Benzo(a)anthracene	21.238	228	32325	0.299	ng	99
33) Chrysene	21.292	228	34121	0.332	ng	99
34) Bis(2-ethylhexyl)phtha...	21.184	149	12327	0.195	ng	97
36) Indeno(1,2,3-cd)pyrene	25.747	276	43557	0.358	ng	98
37) Benzo(b)fluoranthene	22.820	252	37100	0.339	ng	# 94
38) Benzo(k)fluoranthene	22.861	252	36901	0.356	ng	# 96
39) Benzo(a)pyrene	23.393	252	32272	0.339	ng	# 89
40) Dibenzo(a,h)anthracene	25.767	278	33953	0.352	ng	98
41) Benzo(g,h,i)perylene	26.440	276	36590	0.353	ng	98

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

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