Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031489.D
Acq On : 11 May 2024 08:48
Operator : MA/JU
Sample : PB160858BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160858BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 13 01:25:45 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	7.711	152	14739	0.400	ng	0.00
7) Naphthalene-d8	10.485	136	46521	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	26105	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	57728	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	45520	0.400	ng	0.00
35) Perylene-d12	23.505	264	38415	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	11981	0.286	ng	0.00
5) Phenol-d6	6.866	99	16693	0.296	ng	0.00
8) Nitrobenzene-d5	8.852	82	13080	0.392	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	25118	0.335	ng	-0.01
14) 2,4,6-Tribromophenol	15.825	330	2576	0.260	ng	-0.01
15) 2-Fluorobiphenyl	12.970	172	38330	0.381	ng	-0.01
27) Fluoranthene-d10	19.114	212	51028	0.319	ng	0.00
31) Terphenyl-d14	19.718	244	36977	0.332	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	6449	0.356	ng	# 86
3) n-Nitrosodimethylamine	3.551	42	6924	0.387	ng	# 86
6) bis(2-Chloroethyl)ether	7.141	93	17594	0.358	ng	96
9) Naphthalene	10.539	128	46603	0.360	ng	96
10) Hexachlorobutadiene	10.827	225	8279	0.365	ng	# 100
12) 2-Methylnaphthalene	12.157	142	30359	0.344	ng	99
16) Acenaphthylene	14.060	152	43523	0.331	ng	100
17) Acenaphthene	14.403	154	29651m	0.362	ng	
18) Fluorene	15.386	166	37523	0.350	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	1873	0.397	ng	# 37
21) 4-Bromophenyl-phenylether	16.284	248	11907	0.352	ng	99
22) Hexachlorobenzene	16.383	284	13676	0.401	ng	97
23) Atrazine	16.557	200	7666	0.250	ng	97
24) Pentachlorophenol	16.731	266	3202	0.266	ng	99
25) Phenanthrene	17.116	178	60149	0.372	ng	100
26) Anthracene	17.215	178	51178	0.320	ng	100
28) Fluoranthene	19.142	202	67558	0.344	ng	99
30) Pyrene	19.505	202	67460	0.366	ng	100
32) Benzo(a)anthracene	21.247	228	54405	0.310	ng	99
33) Chrysene	21.301	228	59731	0.357	ng	99
34) Bis(2-ethylhexyl)phtha...	21.202	149	20839	0.203	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.773	276	42184	0.276	ng	99
37) Benzo(b)fluoranthene	22.832	252	48332	0.351	ng	99
38) Benzo(k)fluoranthene	22.876	252	54762m	0.420	ng	
39) Benzo(a)pyrene	23.405	252	37793	0.315	ng	98
40) Dibenzo(a,h)anthracene	25.791	278	34251	0.282	ng	98
41) Benzo(g,h,i)perylene	26.458	276	35913	0.275	ng	99

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

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