Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031428.D
Acq On : 07 May 2024 18:53
Operator : MA/JU
Sample : PB160745BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 08 00:03:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	5803	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	9962	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	10377	0.400	ng	0.00
19) Phenanthrene-d10	16.967	188	23381	0.400	ng	0.00
29) Chrysene-d12	21.166	240	20485	0.400	ng	# 0.00
35) Perylene-d12	23.356	264	16688	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	5009	0.368	ng	0.00
5) Phenol-d6	6.743	99	5720	0.354	ng	0.00
8) Nitrobenzene-d5	8.713	82	4526	0.518	ng	0.00
11) 2-Methylnaphthalene-d10	11.937	152	6394	0.526	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	1492	0.292	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	16354	0.426	ng	0.00
27) Fluoranthene-d10	19.008	212	23354	0.369	ng	0.00
31) Terphenyl-d14	19.616	244	18525	0.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.103	88	2594	0.375	ng	99
3) n-Nitrosodimethylamine	3.421	42	2563	0.371	ng	# 95
6) bis(2-Chloroethyl)ether	7.003	93	5508	0.365	ng	99
9) Naphthalene	10.389	128	10253	0.368	ng	99
10) Hexachlorobutadiene	10.667	225	3162	0.544	ng	# 99
12) 2-Methylnaphthalene	12.013	142	7445	0.531	ng	98
16) Acenaphthylene	13.932	152	16382	0.360	ng	100
17) Acenaphthene	14.274	154	12139	0.389	ng	100
18) Fluorene	15.269	166	15849	0.393	ng	100
20) 4,6-Dinitro-2-methylph...	15.365	198	1057	0.319	ng	90
21) 4-Bromophenyl-phenylether	16.160	248	5073	0.376	ng	99
22) Hexachlorobenzene	16.272	284	5951	0.385	ng	100
23) Atrazine	16.445	200	3756	0.355	ng	99
24) Pentachlorophenol	16.619	266	1816	0.364	ng	98
25) Phenanthrene	17.004	178	25672	0.383	ng	100
26) Anthracene	17.103	178	20005	0.355	ng	99
28) Fluoranthene	19.035	202	29959	0.366	ng	100
30) Pyrene	19.402	202	30456	0.430	ng	100
32) Benzo(a)anthracene	21.157	228	26343	0.372	ng	99
33) Chrysene	21.211	228	28917	0.392	ng	99
34) Bis(2-ethylhexyl)phtha...	21.095	149	17774	0.476	ng	# 84
36) Indeno(1,2,3-cd)pyrene	25.540	276	33795	0.501	ng	99
37) Benzo(b)fluoranthene	22.701	252	19380	0.296	ng	99
38) Benzo(k)fluoranthene	22.744	252	20112m	0.313	ng	
39) Benzo(a)pyrene	23.259	252	19090	0.348	ng	98
40) Dibenzo(a,h)anthracene	25.554	278	26733	0.503	ng	98
41) Benzo(g,h,i)perylene	26.209	276	29814	0.553	ng	99

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

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