Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
Data File : BN030325.D
Acq On : 07 Mar 2024 14:19
Operator : MA/JU
Sample : PB159312BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 07 14:56:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2626	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	7029	0.400	ng	#-0.01
13) Acenaphthene-d10	14.458	164	3524	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	6573	0.400	ng	# 0.00
29) Chrysene-d12	21.438	240	4212	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	4870	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2321	0.337	ng	0.00
5) Phenol-d6	6.973	99	2586	0.357	ng	0.00
8) Nitrobenzene-d5	8.971	82	1903	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.197	152	4359	0.427	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	570	0.315	ng	0.00
15) 2-Fluorobiphenyl	13.079	172	4893	0.334	ng	-0.01
27) Fluoranthene-d10	19.262	212	4634	0.257	ng	0.00
31) Terphenyl-d14	19.875	244	3695	0.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	993	0.292	ng	# 55
3) n-Nitrosodimethylamine	3.644	42	924	0.257	ng	# 96
6) bis(2-Chloroethyl)ether	7.248	93	1738	0.302	ng	97
9) Naphthalene	10.648	128	5838	0.297	ng	98
10) Hexachlorobutadiene	10.925	225	1330	0.297	ng	# 99
12) 2-Methylnaphthalene	12.269	142	3632	0.300	ng	95
16) Acenaphthylene	14.169	152	5391	0.317	ng	99
17) Acenaphthene	14.511	154	3213	0.293	ng	99
18) Fluorene	15.505	166	3759	0.285	ng	100
20) 4,6-Dinitro-2-methylph...	15.617	198	329	0.241	ng	89
21) 4-Bromophenyl-phenylether	16.411	248	1238	0.308	ng	# 81
22) Hexachlorobenzene	16.511	284	1429	0.308	ng	97
23) Atrazine	16.697	200	1017	0.286	ng	94
24) Pentachlorophenol	16.871	266	548	0.226	ng	97
25) Phenanthrene	17.255	178	5807m	0.309	ng	
26) Anthracene	17.355	178	5212	0.302	ng	98
28) Fluoranthene	19.290	202	5697	0.249	ng	99
30) Pyrene	19.657	202	6036	0.341	ng	100
32) Benzo(a)anthracene	21.420	228	4295	0.291	ng	98
33) Chrysene	21.474	228	4880	0.305	ng	98
34) Bis(2-ethylhexyl)phtha...	21.376	149	3510	0.298	ng	99
36) Indeno(1,2,3-cd)pyrene	26.221	276	6301	0.309	ng	# 88
37) Benzo(b)fluoranthene	23.081	252	4800	0.282	ng	98
38) Benzo(k)fluoranthene	23.131	252	4901	0.283	ng	# 96
39) Benzo(a)pyrene	23.692	252	4403	0.293	ng	99
40) Dibenzo(a,h)anthracene	26.253	278	4973	0.310	ng	99
41) Benzo(g,h,i)perylene	26.955	276	5710	0.309	ng	99

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

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