Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033253.D
Acq On : 06 Aug 2024 02:41
Operator : MA/JU
Sample : PB162464BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 04:32:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.517	152	1021	0.400	ng		0.00
7) Naphthalene-d8	10.329	136	3951	0.400	ng		0.01
13) Acenaphthene-d10	14.133	164	2796	0.400	ng		0.00
19) Phenanthrene-d10	16.914	188	6560	0.400	ng	#	0.00
29) Chrysene-d12	21.131	240	6887	0.400	ng		0.00
35) Perylene-d12	23.295	264	8358	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.321	112	1093m	0.432	ng		0.03
5) Phenol-d6	6.990	99	1605m	0.462	ng		0.00
8) Nitrobenzene-d5	8.952	82	1213	0.382	ng		0.03
11) 2-Methylnaphthalene-d10	11.935	152	2382m	0.406	ng		0.00
14) 2,4,6-Tribromophenol	15.723	330	383	0.368	ng		0.00
15) 2-Fluorobiphenyl	12.807	172	3920	0.410	ng		0.00
27) Fluoranthene-d10	18.957	212	6873	0.374	ng		0.00
31) Terphenyl-d14	19.561	244	4722	0.397	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.054	88	666	0.353	ng	#	83
3) n-Nitrosodimethylamine	3.480	42	521	0.418	ng	#	96
6) bis(2-Chloroethyl)ether	7.055	93	1323m	0.452	ng		
9) Naphthalene	10.383	128	4460	0.415	ng		99
10) Hexachlorobutadiene	10.511	225	842	0.422	ng	#	96
12) 2-Methylnaphthalene	12.014	142	2417	0.378	ng		98
16) Acenaphthylene	13.876	152	4422	0.396	ng		99
17) Acenaphthene	14.197	154	3359	0.417	ng		100
18) Fluorene	15.212	166	4506	0.413	ng		100
20) 4,6-Dinitro-2-methylph...	15.574	198	210	0.417	ng		96
21) 4-Bromophenyl-phenylether	16.120	248	1360	0.391	ng		96
22) Hexachlorobenzene	16.195	284	1462	0.402	ng		99
23) Atrazine	16.418	200	1161	0.354	ng		99
24) Pentachlorophenol	16.641	266	385	0.317	ng		97
25) Phenanthrene	16.964	178	6619	0.375	ng		100
26) Anthracene	17.088	178	5118	0.346	ng	#	86
28) Fluoranthene	18.989	202	8870	0.366	ng		99
30) Pyrene	19.356	202	9455	0.393	ng		99
32) Benzo(a)anthracene	21.113	228	6708	0.338	ng		98
33) Chrysene	21.167	228	11481	0.431	ng		100
34) Bis(2-ethylhexyl)phtha...	21.006	149	1648	0.346	ng		97
36) Indeno(1,2,3-cd)pyrene	25.485	276	13997	0.370	ng		98
37) Benzo(b)fluoranthene	22.646	252	9650	0.381	ng		97
38) Benzo(k)fluoranthene	22.689	252	12796	0.403	ng		97
39) Benzo(a)pyrene	23.213	252	9669	0.380	ng		98
40) Dibenzo(a,h)anthracene	25.487	278	11023	0.369	ng		98
41) Benzo(g,h,i)perylene	26.151	276	12926	0.378	ng		99

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

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