Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028255.D
Acq On : 12 Oct 2023 05:15
Operator : MA/JU
Sample : 04805-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 12 06:00:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
M-1(0-5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.914	152	3736	0.400	ng		0.00
7) Naphthalene-d8	10.725	136	12816	0.400	ng		-0.01
13) Acenaphthene-d10	14.555	164	10343	0.400	ng		-0.01
19) Phenanthrene-d10	17.319	188	16713	0.400	ng		# 0.00
29) Chrysene-d12	21.524	240	12654m	0.400	ng		0.00
35) Perylene-d12	23.999	264	28190	0.400	ng		# 0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.452	112	1151	0.103	ng		-0.01
5) Phenol-d6	7.084	99	1386	0.099	ng		0.00
8) Nitrobenzene-d5	9.112	82	1156	0.106	ng		-0.01
11) 2-Methylnaphthalene-d10	12.313	152	1819	0.096	ng		-0.01
14) 2,4,6-Tribromophenol	16.065	330	392	0.083	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	2474	0.066	ng		-0.01
27) Fluoranthene-d10	19.379	212	6303	0.150	ng		0.02
31) Terphenyl-d14	19.932	244	7135	0.242	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.778	128	473608	14.302	ng		98
12) 2-Methylnaphthalene	12.385	142	143389	6.190	ng		98
16) Acenaphthylene	14.288	152	1988407	43.397	ng		99
17) Acenaphthene	14.619	154	171279	5.864	ng		96
18) Fluorene	15.606	166	525210	13.845	ng	#	92
25) Phenanthrene	17.368	178	4943486	109.714	ng		99
26) Anthracene	17.455	178	2410816	56.607	ng	#	94
28) Fluoranthene	19.398	202	6267756	120.533	ng		97
30) Pyrene	19.765	202	7197358	155.112	ng		96
32) Benzo(a)anthracene	21.506	228	3958139	91.923	ng		95
33) Chrysene	21.569	228	3424523	82.526	ng		95
34) Bis(2-ethylhexyl)phtha...	21.372	149	82951	2.929	ng		98
36) Indeno(1,2,3-cd)pyrene	26.609	276	1827441	19.272	ng		97
37) Benzo(b)fluoranthene	23.241	252	3713389	40.787	ng	#	89
38) Benzo(k)fluoranthene	23.282	252	1308075m	14.165	ng		
39) Benzo(a)pyrene	23.899	252	3420319m	39.730	ng		
40) Dibenzo(a,h)anthracene	26.612	278	557044	7.181	ng		97
41) Benzo(g,h,i)perylene	27.431	276	1850733	23.245	ng		95

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

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