Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028216.D
Acq On : 11 Oct 2023 03:34
Operator : MA/JU
Sample : 04704-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 11 04:42:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
R-3(10-15)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4050	0.400	ng	# 0.00
7) Naphthalene-d8	10.735	136	12760	0.400	ng	# 0.00
13) Acenaphthene-d10	14.566	164	5762m	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	13703	0.400	ng	# 0.01
29) Chrysene-d12	21.497	240	50831m	0.400	ng	-0.02
35) Perylene-d12	23.972	264	11127	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3235	0.268	ng	0.00
5) Phenol-d6	7.084	99	3217	0.211	ng	0.00
8) Nitrobenzene-d5	9.112	82	3072	0.283	ng	-0.01
11) 2-Methylnaphthalene-d10	12.321	152	4394	0.232	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	691	0.262	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	6896	0.332	ng	0.00
27) Fluoranthene-d10	19.393	212	35442	1.030	ng	0.04
31) Terphenyl-d14	19.932	244	16637	0.140	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	9341694	283.345	ng	100
12) 2-Methylnaphthalene	12.400	142	3669650	159.112	ng	99
16) Acenaphthylene	14.298	152	7062951	276.705	ng	# 97
17) Acenaphthene	14.630	154	1443394	88.708	ng	95
18) Fluorene	15.618	166	5465810m	258.642	ng	
25) Phenanthrene	17.393	178	19741319	534.374	ng	95
26) Anthracene	17.468	178	8432876	241.501	ng	# 88
28) Fluoranthene	19.411	202	13469205	315.919	ng	96
30) Pyrene	19.778	202	19194296m	102.978	ng	
32) Benzo(a)anthracene	21.515	228	9845679	56.922	ng	# 90
33) Chrysene	21.578	228	8982138m	53.885	ng	
34) Bis(2-ethylhexyl)phtha...	21.372	149	14360	0.126	ng	# 86
36) Indeno(1,2,3-cd)pyrene	26.644	276	4695842	125.465	ng	97
37) Benzo(b)fluoranthene	23.259	252	8722291	242.715	ng	# 91
38) Benzo(k)fluoranthene	23.297	252	2798490m	76.777	ng	
39) Benzo(a)pyrene	23.923	252	9584812	282.069	ng	# 85
40) Dibenzo(a,h)anthracene	26.642	278	1495300	48.838	ng	99
41) Benzo(g,h,i)perylene	27.481	276	5290765	168.351	ng	96

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

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