Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028228.D
Acq On : 11 Oct 2023 10:46
Operator : MA/JU
Sample : 04693-01 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 11 11:14:17 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 :
F-1(0-5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/12/2023
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	3986	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12772	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7009	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13725	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	11972	0.400	ng	# 0.00
35) Perylene-d12	23.990	264	14380	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	502	0.042	ng	0.00
5) Phenol-d6	7.098	99	576	0.038	ng	0.00
8) Nitrobenzene-d5	9.123	82	433	0.040	ng	0.00
11) 2-Methylnaphthalene-d10	12.320	152	810	0.043	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	140	0.044	ng	0.00
15) 2-Fluorobiphenyl	13.186	172	1074	0.043	ng	0.00
27) Fluoranthene-d10	19.356	212	1475	0.043	ng	0.00
31) Terphenyl-d14	19.941	244	1406	0.050	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	7821	0.237	ng	96
12) 2-Methylnaphthalene	12.392	142	11313	0.490	ng	98
16) Acenaphthylene	14.288	152	30549	0.984	ng	97
17) Acenaphthene	14.630	154	4127	0.209	ng	# 92
18) Fluorene	15.618	166	6703	0.261	ng	# 84
25) Phenanthrene	17.368	178	17901	0.484	ng	# 95
26) Anthracene	17.455	178	4966	0.142	ng	# 83
28) Fluoranthene	19.388	202	8487m	0.199	ng	
30) Pyrene	19.755	202	10793	0.246	ng	# 89
32) Benzo(a)anthracene	21.497	228	4598	0.113	ng	# 14
33) Chrysene	21.560	228	10559m	0.269	ng	
34) Bis(2-ethylhexyl)phtha...	21.372	149	4840	0.181	ng	# 79
36) Indeno(1,2,3-cd)pyrene	26.583	276	2722	0.056	ng	# 84
37) Benzo(b)fluoranthene	23.224	252	7126	0.153	ng	# 1
38) Benzo(k)fluoranthene	23.268	252	1933m	0.041	ng	
39) Benzo(a)pyrene	23.879	252	5179	0.118	ng	# 1
41) Benzo(g,h,i)perylene	27.402	276	7320	0.180	ng	# 20

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

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