Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028252.D
Acq On : 12 Oct 2023 03:27
Operator : MA/JU
Sample : 04704-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
R-1(10-15)

Manual Integrations APPROVED

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

Quant Time: Oct 12 04:09:36 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.914	152	2465	0.400	ng		0.00
7) Naphthalene-d8	10.725	136	8721	0.400	ng		-0.01
13) Acenaphthene-d10	14.555	164	7774	0.400	ng		-0.01
19) Phenanthrene-d10	17.319	188	13253	0.400	ng		# 0.00
29) Chrysene-d12	21.515	240	26093	0.400	ng		# 0.00
35) Perylene-d12	23.987	264	25440	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.452	112	2063	0.281	ng		-0.01
5) Phenol-d6	7.084	99	2455	0.265	ng		0.00
8) Nitrobenzene-d5	9.123	82	1925	0.259	ng		0.00
11) 2-Methylnaphthalene-d10	12.313	152	3157	0.244	ng		-0.01
14) 2,4,6-Tribromophenol	16.065	330	689	0.194	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	4764	0.170	ng		-0.01
27) Fluoranthene-d10	19.356	212	7788	0.234	ng		0.00
31) Terphenyl-d14	19.941	244	9161	0.150	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.778	128	1211912	53.783	ng		98
12) 2-Methylnaphthalene	12.385	142	403463	25.596	ng		100
16) Acenaphthylene	14.288	152	978422	28.411	ng		99
17) Acenaphthene	14.619	154	282445	12.866	ng		98
18) Fluorene	15.606	166	988395	34.666	ng		98
25) Phenanthrene	17.368	178	6089263	170.426	ng		99
26) Anthracene	17.455	178	1485555	43.988	ng	#	93
28) Fluoranthene	19.388	202	4410098	106.951	ng		98
30) Pyrene	19.760	202	5270483	55.084	ng		96
32) Benzo(a)anthracene	21.497	228	2584576	29.109	ng		97
33) Chrysene	21.560	228	2320955	27.124	ng		96
34) Bis(2-ethylhexyl)phtha...	21.372	149	8361	0.143	ng		98
36) Indeno(1,2,3-cd)pyrene	26.586	276	1142047	13.346	ng		98
37) Benzo(b)fluoranthene	23.230	252	2447442	29.788	ng	#	89
38) Benzo(k)fluoranthene	23.271	252	837724m	10.052	ng		
39) Benzo(a)pyrene	23.882	252	2315245m	29.801	ng		
40) Dibenzo(a,h)anthracene	26.589	278	343610	4.909	ng		97
41) Benzo(g,h,i)perylene	27.399	276	1170647	16.292	ng		95

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

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