Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017812.D
Acq On : 08 Dec 2021 22:37
Operator : CG/JU
Sample : M4966-22 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
P3-COMP

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 11:05:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	21973	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	89794	0.400	ng		0.00
13) Acenaphthene-d10	14.347	164	63713	0.400	ng		0.00
19) Phenanthrene-d10	17.092	188	133451	0.400	ng		0.00
29) Chrysene-d12	21.293	240	123381	0.400	ng		# 0.01
35) Perylene-d12	23.586	264	116351	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.336	112	2157	0.041	ng		0.00
5) Phenol-d6	6.903	99	1926	0.038	ng		0.00
8) Nitrobenzene-d5	8.859	82	2677m	0.045	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	7061	0.039	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	544	0.016	ng		0.00
15) 2-Fluorobiphenyl	12.977	172	11026	0.047	ng		0.01
27) Fluoranthene-d10	19.129	212	16988	0.038	ng		0.00
31) Terphenyl-d14	19.730	244	17905	0.068	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.545	128	44069	0.187	ng		100
12) 2-Methylnaphthalene	12.165	142	28201	0.166	ng		100
16) Acenaphthylene	14.055	152	103007	0.412	ng		98
17) Acenaphthene	14.398	154	111255	0.667	ng		98
18) Fluorene	15.388	166	172886m	0.812	ng		
25) Phenanthrene	17.129	178	2145637	6.120	ng		100
26) Anthracene	17.214	178	678318	2.200	ng		96
28) Fluoranthene	19.159	202	2992466	7.013	ng		98
30) Pyrene	19.521	202	2570979	6.573	ng	#	92
32) Benzo(a)anthracene	21.272	228	1901526	5.006	ng		98
33) Chrysene	21.325	228	1489271m	3.754	ng		
34) Bis(2-ethylhexyl)phtha...	21.219	149	90436	0.526	ng		98
36) Indeno(1,2,3-cd)pyrene	25.941	276	443144	1.374	ng		97
37) Benzo(b)fluoranthene	22.894	252	1526367	3.860	ng		99
38) Benzo(k)fluoranthene	22.935	252	641130m	1.719	ng		
39) Benzo(a)pyrene	23.483	252	1109987	3.123	ng		99
40) Dibenzo(a,h)anthracene	25.951	278	148024	0.593	ng	#	93
41) Benzo(g,h,i)perylene	26.663	276	361672	1.347	ng		99

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

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