Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017752.D
Acq On : 07 Dec 2021 05:33
Operator : CG/JU
Sample : M4918-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-45A

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 07 06:54:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 15:58:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	23771	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	96036	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	62940	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	131820	0.400	ng	0.00
29) Chrysene-d12	21.304	240	120926	0.400	ng	# 0.00
35) Perylene-d12	23.617	264	105982	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	11396	0.223	ng	0.03
5) Phenol-d6	6.950	99	6817	0.125	ng	0.02
8) Nitrobenzene-d5	8.897	82	29099	0.448	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	57376	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	18504	0.605	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	116118	0.498	ng	0.00
27) Fluoranthene-d10	19.154	212	169585	0.382	ng	0.00
31) Terphenyl-d14	19.755	244	151361	0.488	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	122	0.008	ng	# 1
6) bis(2-Chloroethyl)ether	7.208	93	321	0.005	ng	# 18
9) Naphthalene	10.583	128	24759	0.104	ng	97
10) Hexachlorobutadiene	10.875	225	11	0.000	ng	# 1
12) 2-Methylnaphthalene	12.197	142	9078	0.056	ng	# 94
16) Acenaphthylene	14.094	152	1626	0.007	ng	# 67
17) Acenaphthene	14.436	154	7638	0.047	ng	98
18) Fluorene	15.426	166	4984	0.024	ng	# 88
21) 4-Bromophenyl-phenylether	16.314	248	61	0.001	ng	# 1
22) Hexachlorobenzene	16.436	284	94	0.001	ng	# 1
24) Pentachlorophenol	16.776	266	248	0.172	ng	96
25) Phenanthrene	17.154	178	16723m	0.048	ng	
26) Anthracene	17.251	178	5629	0.019	ng	# 82
28) Fluoranthene	19.184	202	10165	0.024	ng	# 93
30) Pyrene	19.542	202	8936	0.020	ng	# 90
32) Benzo(a)anthracene	21.293	228	4242	0.012	ng	# 33
33) Chrysene	21.346	228	3901	0.010	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.230	149	56695	0.297	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.989	276	2117	0.010	ng	# 86
37) Benzo(b)fluoranthene	22.915	252	2980	0.008	ng	# 1
38) Benzo(k)fluoranthene	22.960	252	2850	0.008	ng	# 1
39) Benzo(a)pyrene	23.511	252	2508	0.008	ng	# 1
40) Dibenzo(a,h)anthracene	26.002	278	1604	0.010	ng	# 1
41) Benzo(g,h,i)perylene	26.708	276	2016	0.009	ng	# 29

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

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