Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
Data File : BN015260.D
Acq On : 01 Jul 2021 15:05
Operator : CG/JU
Sample : SP5604
Misc : 8270 SIME SPIKE
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP5604

Manual Integrations APPROVED
mohammad
7/2/2021 7:57:00 AM

Quant Time: Jul 01 15:48:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	20585	0.400	ng	# 0.00
7) Naphthalene-d8	10.493	136	94518	0.400	ng	0.00
13) Acenaphthene-d10	14.346	164	50247	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	91820	0.400	ng	0.00
29) Chrysene-d12	21.292	240	76312	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	58372	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.380	88	8489m	0.880	ng	
3) n-Nitrosodimethylamine	3.684	42	7885	0.436	ng	# 79
6) bis(2-Chloroethyl)ether	7.160	93	27273	0.420	ng	# 85
9) Naphthalene	10.543	128	103045	0.380	ng	97
10) Hexachlorobutadiene	10.835	225	19239	0.377	ng	# 99
12) 2-Methylnaphthalene	12.159	142	67567	0.388	ng	# 89
16) Acenaphthylene	14.067	152	84116	0.378	ng	98
17) Acenaphthene	14.409	154	56633	0.363	ng	98
18) Fluorene	15.399	166	68236	0.359	ng	99
20) 4,6-Dinitro-2-methylph...	15.488	198	167	0.292	ng	91
21) 4-Bromophenyl-phenylether	16.288	248	20588	0.354	ng	# 88
22) Hexachlorobenzene	16.398	284	24148	0.365	ng	# 92
23) Atrazine	16.556	200	13891	0.449	ng	94
24) Pentachlorophenol	16.751	266	7783	0.893	ng	99
25) Phenanthrene	17.128	178	107281	0.363	ng	99
26) Anthracene	17.225	178	93969	0.371	ng	99
28) Fluoranthene	19.158	202	106676	0.336	ng	# 97
30) Pyrene	19.526	202	112074	0.386	ng	99
32) Benzo(a)anthracene	21.282	228	93537	0.357	ng	96
33) Chrysene	21.335	228	102879	0.361	ng	97
34) Bis(2-ethylhexyl)phtha...	21.218	149	39310	0.562	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.803	276	65868	0.315	ng	# 88
37) Benzo(b)fluoranthene	22.866	252	88441	0.386	ng	# 96
38) Benzo(k)fluoranthene	22.910	252	90138	0.369	ng	# 94
39) Benzo(a)pyrene	23.444	252	74311	0.355	ng	# 94
40) Dibenzo(a,h)anthracene	25.820	278	50977	0.311	ng	# 91
41) Benzo(g,h,i)perylene	26.487	276	58868	0.325	ng	# 89

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

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