Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015304.D
Acq On : 02 Jul 2021 19:57
Operator : CG/JU
Sample : M2803-20MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D-20210621MS

Manual Integrations APPROVED
mohammad
7/6/2021 10:03:12 AM

Quant Time: Jul 03 00:09:21 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	7.735	152	21731	0.40	ng		# 0.00
7) Naphthalene-d8	10.495	136	98598	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	53631	0.40	ng		0.00
19) Phenanthrene-d10	17.090	188	102670	0.40	ng		0.00
29) Chrysene-d12	21.291	240	81616	0.40	ng		#-0.01
35) Perylene-d12	23.536	264	66126	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.374	112	8805	0.16	ng		0.01
5) Phenol-d6	6.914	99	6449	0.09	ng		0.01
8) Nitrobenzene-d5	8.860	82	23023	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	53057	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	7387	0.54	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	71252	0.33	ng		0.00
27) Fluoranthene-d10	19.127	212	124101	0.41	ng		0.00
31) Terphenyl-d14	19.733	244	92058	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	64616m	6.34	ng		
3) n-Nitrosodimethylamine	3.677	42	3097	0.16	ng	#	70
6) bis(2-Chloroethyl)ether	7.163	93	26319	0.38	ng	#	85
9) Naphthalene	10.546	128	90015	0.32	ng		97
10) Hexachlorobutadiene	10.837	225	15815	0.30	ng	#	98
12) 2-Methylnaphthalene	12.158	142	60647	0.33	ng	#	89
16) Acenaphthylene	14.066	152	85929	0.36	ng		98
17) Acenaphthene	14.408	154	55222	0.33	ng		98
18) Fluorene	15.398	166	69391	0.34	ng		99
20) 4,6-Dinitro-2-methylph...	15.474	198	372	0.39	ng	#	84
21) 4-Bromophenyl-phenylether	16.287	248	22919	0.35	ng		92
22) Hexachlorobenzene	16.397	284	23960	0.32	ng	#	91
23) Atrazine	16.555	200	22495	0.57	ng		94
24) Pentachlorophenol	16.750	266	14458	1.27	ng		99
25) Phenanthrene	17.127	178	119339	0.36	ng		98
26) Anthracene	17.224	178	111311	0.39	ng		99
28) Fluoranthene	19.157	202	141208	0.40	ng	#	97
30) Pyrene	19.520	202	142063	0.46	ng		99
32) Benzo(a)anthracene	21.270	228	119227	0.43	ng		98
33) Chrysene	21.323	228	115781	0.38	ng		98
34) Bis(2-ethylhexyl)phtha...	21.206	149	95153	1.02	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.795	276	68978	0.29	ng	#	88
37) Benzo(b)fluoranthene	22.861	252	104720	0.40	ng	#	94
38) Benzo(k)fluoranthene	22.906	252	99849	0.36	ng	#	94
39) Benzo(a)pyrene	23.436	252	75642	0.32	ng	#	87
40) Dibenzo(a,h)anthracene	25.809	278	53886	0.29	ng	#	90
41) Benzo(g,h,i)perylene	26.479	276	49596	0.24	ng	#	88

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

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