Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071822\
Data File : BN020760.D
Acq On : 18 Jul 2022 17:12
Operator : CG/JU
Sample : PB146276BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 03:54:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 16 03:21:59 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB146276BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	2011	0.400	ng	0.01
7) Naphthalene-d8	10.616	136	6607	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	4271	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	9560	0.400	ng	0.01
29) Chrysene-d12	21.431	240	7969	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	6739	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	1600	0.287	ng	0.01
5) Phenol-d6	7.024	99	1991	0.299	ng	0.01
8) Nitrobenzene-d5	8.993	82	1716	0.320	ng	0.02
11) 2-Methylnaphthalene-d10	12.220	152	4248	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	444	0.276	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	6067	0.344	ng	0.00
27) Fluoranthene-d10	19.261	212	10205	0.359	ng	0.00
31) Terphenyl-d14	19.868	244	7239	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	866	0.329	ng	92
3) n-Nitrosodimethylamine	3.622	42	660	0.275	ng	91
6) bis(2-Chloroethyl)ether	7.255	93	2078	0.362	ng	96
9) Naphthalene	10.669	128	7398	0.375	ng	98
10) Hexachlorobutadiene	10.957	225	1317	0.366	ng	# 100
12) 2-Methylnaphthalene	12.295	142	4966	0.379	ng	98
16) Acenaphthylene	14.185	152	6939	0.338	ng	99
17) Acenaphthene	14.527	154	5104	0.365	ng	96
18) Fluorene	15.522	166	6768	0.371	ng	100
20) 4,6-Dinitro-2-methylph...	15.650	198	268	0.368	ng	# 34
21) 4-Bromophenyl-phenylether	16.415	248	1880	0.338	ng	96
22) Hexachlorobenzene	16.538	284	2204	0.358	ng	97
23) Atrazine	16.692	200	1294	0.295	ng	97
24) Pentachlorophenol	16.897	266	453	0.413	ng	98
25) Phenanthrene	17.267	178	11192	0.347	ng	100
26) Anthracene	17.359	178	8944	0.322	ng	100
28) Fluoranthene	19.291	202	12639	0.359	ng	100
30) Pyrene	19.653	202	12948	0.384	ng	100
32) Benzo(a)anthracene	21.413	228	8709	0.306	ng	98
33) Chrysene	21.467	228	11880	0.377	ng	99
34) Bis(2-ethylhexyl)phtha...	21.351	149	5358	0.334	ng	99
36) Indeno(1,2,3-cd)pyrene	26.217	276	10093	0.336	ng	100
37) Benzo(b)fluoranthene	23.068	252	9318	0.359	ng	95
38) Benzo(k)fluoranthene	23.115	252	10434m	0.377	ng	
39) Benzo(a)pyrene	23.679	252	7864	0.349	ng	# 90
40) Dibenzo(a,h)anthracene	26.235	278	7703	0.320	ng	95
41) Benzo(g,h,i)perylene	26.951	276	9345	0.355	ng	97

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

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