Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070722\
Data File : BN020683.D
Acq On : 07 Jul 2022 18:45
Operator : CG/JU
Sample : N3616-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-03B-49-57-070622MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

Quant Time: Jul 08 01:31:37 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 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4587	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13464	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	7256	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	13306	0.400	ng	0.00
29) Chrysene-d12	21.431	240	9056	0.400	ng	0.00
35) Perylene-d12	23.784	264	6953	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1140	0.090	ng	0.00
5) Phenol-d6	7.031	99	800	0.053	ng	0.00
8) Nitrobenzene-d5	8.993	82	2258	0.207	ng	0.00
11) 2-Methylnaphthalene-d10	12.223	152	5664	0.245	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	499	0.183	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	7200	0.240	ng	-0.01
27) Fluoranthene-d10	19.265	212	11057	0.280	ng	0.00
31) Terphenyl-d14	19.868	244	9365	0.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	538	0.089	ng	# 58
3) n-Nitrosodimethylamine	3.615	42	566	0.103	ng	# 98
6) bis(2-Chloroethyl)ether	7.255	93	3435	0.262	ng	95
9) Naphthalene	10.669	128	11311	0.281	ng	99
10) Hexachlorobutadiene	10.968	225	1845	0.252	ng	# 98
12) 2-Methylnaphthalene	12.295	142	7081	0.265	ng	99
16) Acenaphthylene	14.196	152	9111	0.261	ng	99
17) Acenaphthene	14.538	154	6382	0.269	ng	96
18) Fluorene	15.521	166	7818	0.253	ng	100
20) 4,6-Dinitro-2-methylph...	15.639	198	381	0.371	ng	# 59
21) 4-Bromophenyl-phenylether	16.415	248	2303	0.298	ng	98
22) Hexachlorobenzene	16.538	284	2518	0.294	ng	96
23) Atrazine	16.692	200	1523	0.250	ng	99
24) Pentachlorophenol	16.887	266	1326	0.666	ng	98
25) Phenanthrene	17.266	178	13066	0.291	ng	100
26) Anthracene	17.359	178	10519	0.272	ng	99
28) Fluoranthene	19.295	202	14827	0.303	ng	99
30) Pyrene	19.657	202	15315	0.399	ng	100
32) Benzo(a)anthracene	21.413	228	9627	0.298	ng	98
33) Chrysene	21.467	228	11773	0.329	ng	98
34) Bis(2-ethylhexyl)phtha...	21.351	149	4127	0.226	ng	98
36) Indeno(1,2,3-cd)pyrene	26.229	276	4503	0.145	ng	98
37) Benzo(b)fluoranthene	23.074	252	7644m	0.285	ng	
38) Benzo(k)fluoranthene	23.118	252	7751	0.272	ng	93
39) Benzo(a)pyrene	23.682	252	5594	0.241	ng	# 85
40) Dibenzo(a,h)anthracene	26.243	278	3821	0.154	ng	# 88
41) Benzo(g,h,i)perylene	26.968	276	4187	0.154	ng	93

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

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