Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019121.D
Acq On : 24 Mar 2022 11:07
Operator : CG/JU
Sample : N2074-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
N2074-19MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 14:32:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3809	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9904	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	5543	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	11007	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	8633	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7057	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	767	0.090	ng	0.00
5) Phenol-d6	7.024	99	442	0.049	ng	0.01
8) Nitrobenzene-d5	9.014	82	1395	0.195	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	4440	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	434	0.162	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	5526	0.249	ng	-0.01
27) Fluoranthene-d10	19.261	212	11375	0.348	ng	0.00
31) Terphenyl-d14	19.860	244	7436	0.351	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	14363	3.051	ng	# 91
3) n-Nitrosodimethylamine	3.579	42	543	0.099	ng	# 98
6) bis(2-Chloroethyl)ether	7.269	93	2734	0.257	ng	92
9) Naphthalene	10.701	128	7832	0.278	ng	97
10) Hexachlorobutadiene	11.000	225	1697	0.246	ng	# 99
12) 2-Methylnaphthalene	12.321	142	4633	0.242	ng	99
16) Acenaphthylene	14.207	152	6504	0.253	ng	100
17) Acenaphthene	14.549	154	4691	0.260	ng	97
18) Fluorene	15.532	166	5839	0.257	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	223	0.217	ng	# 17
21) 4-Bromophenyl-phenylether	16.426	248	1762	0.254	ng	# 93
22) Hexachlorobenzene	16.549	284	2653	0.297	ng	100
23) Atrazine	16.682	200	1422	0.274	ng	94
24) Pentachlorophenol	16.887	266	631	0.230	ng	100
25) Phenanthrene	17.267	178	9657	0.281	ng	100
26) Anthracene	17.369	178	7241	0.249	ng	99
28) Fluoranthene	19.291	202	14442	0.358	ng	99
30) Pyrene	19.653	202	15089	0.351	ng	99
32) Benzo(a)anthracene	21.404	228	8912	0.335	ng	99
33) Chrysene	21.449	228	13108	0.365	ng	99
34) Bis(2-ethylhexyl)phtha...	21.324	149	6069	0.344	ng	100
36) Indeno(1,2,3-cd)pyrene	26.243	276	10194m	0.400	ng	
37) Benzo(b)fluoranthene	23.065	252	9578	0.372	ng	95
38) Benzo(k)fluoranthene	23.112	252	13274m	0.376	ng	
39) Benzo(a)pyrene	23.682	252	9256	0.395	ng	# 89
40) Dibenzo(a,h)anthracene	26.261	278	6024	0.304	ng	# 86
41) Benzo(g,h,i)perylene	26.986	276	9826	0.393	ng	95

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

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