Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019682.D
Acq On : 05 May 2022 03:07
Operator : CG/JU
Sample : N2680-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B1-5-7MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Quant Time: May 05 04:58:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5978	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	17302	0.400	ng	# 0.01
13) Acenaphthene-d10	14.484	164	9319	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	17953	0.400	ng	0.00
29) Chrysene-d12	21.404	240	11864	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	7946	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	4625	0.332	ng	0.00
5) Phenol-d6	7.031	99	5520	0.323	ng	0.00
8) Nitrobenzene-d5	9.003	82	4188	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	10467m	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	883	0.256	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	12759	0.318	ng	0.01
27) Fluoranthene-d10	19.248	212	15556	0.312	ng	0.00
31) Terphenyl-d14	19.847	244	9286	0.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	2100	0.303	ng	# 87
3) n-Nitrosodimethylamine	3.680	42	2762	0.386	ng	# 82
6) bis(2-Chloroethyl)ether	7.291	93	6485	0.375	ng	99
9) Naphthalene	10.701	128	17842	0.360	ng	100
10) Hexachlorobutadiene	11.000	225	3329	0.349	ng	# 100
12) 2-Methylnaphthalene	12.314	142	11715	0.361	ng	99
16) Acenaphthylene	14.196	152	16166	0.360	ng	99
17) Acenaphthene	14.538	154	10818	0.350	ng	99
18) Fluorene	15.521	166	13178	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	15.596	198	813	0.298	ng	# 90
21) 4-Bromophenyl-phenylether	16.415	248	4257	0.367	ng	# 81
22) Hexachlorobenzene	16.528	284	4688	0.365	ng	98
23) Atrazine	16.682	200	2238	0.302	ng	# 91
24) Pentachlorophenol	16.866	266	1834	0.381	ng	96
25) Phenanthrene	17.256	178	21542	0.362	ng	100
26) Anthracene	17.348	178	17934	0.355	ng	99
28) Fluoranthene	19.278	202	21694	0.349	ng	99
30) Pyrene	19.640	202	21158	0.431	ng	99
32) Benzo(a)anthracene	21.386	228	15913	0.378	ng	100
33) Chrysene	21.440	228	16402	0.357	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	10362	0.466	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.156	276	11776	0.326	ng	100
37) Benzo(b)fluoranthene	23.033	252	13358	0.407	ng	95
38) Benzo(k)fluoranthene	23.077	252	13316	0.383	ng	94
39) Benzo(a)pyrene	23.641	252	10839	0.435	ng	# 93
40) Dibenzo(a,h)anthracene	26.167	278	9952	0.338	ng	97
41) Benzo(g,h,i)perylene	26.886	276	10470	0.360	ng	100

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

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