Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019092.D
Acq On : 23 Mar 2022 15:25
Operator : CG/JU
Sample : N2041-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE117D1-20220317MSD

Manual Integrations APPROVED

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

Quant Time: Mar 23 16:46:32 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	4044	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10688	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	6254	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	13086	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	10449	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	8928	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1243	0.137	ng	0.00
5) Phenol-d6	7.017	99	737	0.078	ng	0.00
8) Nitrobenzene-d5	9.003	82	1937	0.251	ng	-0.01
11) 2-Methylnaphthalene-d10	12.250	152	5542m	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	865	0.287	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	8176	0.326	ng	-0.01
27) Fluoranthene-d10	19.261	212	15348	0.395	ng	0.00
31) Terphenyl-d14	19.855	244	37540	1.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	3038	0.608	ng	# 91
3) n-Nitrosodimethylamine	3.579	42	799	0.137	ng	# 90
6) bis(2-Chloroethyl)ether	7.269	93	3772	0.334	ng	96
9) Naphthalene	10.701	128	10889	0.358	ng	99
10) Hexachlorobutadiene	11.000	225	2270	0.305	ng	# 99
12) 2-Methylnaphthalene	12.321	142	6743	0.326	ng	100
16) Acenaphthylene	14.207	152	9979	0.344	ng	99
17) Acenaphthene	14.549	154	6961	0.342	ng	98
18) Fluorene	15.532	166	9169	0.357	ng	99
20) 4,6-Dinitro-2-methylph...	15.628	198	423	0.281	ng	# 62
21) 4-Bromophenyl-phenylether	16.426	248	2957	0.358	ng	96
22) Hexachlorobenzene	16.549	284	4093	0.385	ng	99
23) Atrazine	16.682	200	2174	0.353	ng	98
24) Pentachlorophenol	16.887	266	1335	0.409	ng	99
25) Phenanthrene	17.267	178	16950	0.414	ng	100
26) Anthracene	17.359	178	13180	0.381	ng	99
28) Fluoranthene	19.291	202	22445	0.467	ng	99
30) Pyrene	19.653	202	23059	0.443	ng	99
32) Benzo(a)anthracene	21.404	228	14903	0.463	ng	99
33) Chrysene	21.449	228	19839	0.457	ng	99
34) Bis(2-ethylhexyl)phtha...	21.324	149	9315	0.436	ng	98
36) Indeno(1,2,3-cd)pyrene	26.232	276	14539	0.451	ng	98
37) Benzo(b)fluoranthene	23.062	252	16377m	0.503	ng	
38) Benzo(k)fluoranthene	23.109	252	21654m	0.485	ng	
39) Benzo(a)pyrene	23.682	252	15816	0.534	ng	# 81
40) Dibenzo(a,h)anthracene	26.249	278	12053	0.480	ng	94
41) Benzo(g,h,i)perylene	26.980	276	16634	0.526	ng	98

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

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