Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
Data File : BN009805.D
Acq On : 21 Feb 2020 13:21
Operator : CG/JU
Sample : PB126764BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB126764BS

Quant Time: Feb 21 16:37:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1122	0.40	ng		-0.02
7) Naphthalene-d8	10.15	136	3805	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	2490	0.40	ng		-0.02
19) Phenanthrene-d10	16.80	188	5598	0.40	ng		-0.01
27) Chrysene-d12	21.02	240	4995	0.40	ng		-0.02
34) Perylene-d12	23.13	264	5371	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1045	0.42	ng		-0.02
5) Phenol-d6	6.62	99	1109	0.37	ng		-0.02
8) Nitrobenzene-d5	8.57	82	1099	0.35	ng		-0.03
11) 2-Methylnaphthalene-d10	11.76	152	2824	0.38	ng		-0.03
14) 2,4,6-Tribromophenol	15.56	330	378	0.39	ng		-0.02
15) 2-Fluorobiphenyl	12.66	172	3571	0.38	ng		-0.02
25) Fluoranthene-d10	18.84	212	7159	0.37	ng		-0.02
29) Terphenyl-d14	19.46	244	4556	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	466	0.406	ng		97
3) n-Nitrosodimethylamine	3.42	42	751	0.398	ng		93
6) bis(2-Chloroethyl)ether	6.86	93	984	0.333	ng		88
9) Naphthalene	10.20	128	3987	0.384	ng		99
10) Hexachlorobutadiene	10.48	225	879	0.385	ng	#	95
12) 2-Methylnaphthalene	11.84	142	2788	0.392	ng		99
16) Acenaphthylene	13.76	152	3981	0.375	ng		99
17) Acenaphthene	14.10	154	2867	0.384	ng		99
18) Fluorene	15.10	166	3732	0.379	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	938	0.187	ng	#	88
21) Hexachlorobenzene	16.11	284	1369	0.393	ng		99
22) Pentachlorophenol	16.50	266	323	0.455	ng		100
23) Phenanthrene	16.84	178	6200	0.372	ng		99
24) Anthracene	16.94	178	5101	0.362	ng		99
26) Fluoranthene	18.87	202	7347	0.368	ng		99
28) Pyrene	19.24	202	7497	0.395	ng		100
30) Benzo(a)anthracene	21.00	228	6258	0.378	ng		98
31) Chrysene	21.06	228	6845	0.357	ng		99
32) Bis(2-ethylhexyl)phthalate	20.95	149	3426	0.424	ng		99
33) Indeno(1,2,3-cd)pyrene	25.17	276	7630	0.382	ng		98
35) Benzo(b)fluoranthene	22.51	252	6786	0.346	ng		97
36) Benzo(k)fluoranthene	22.55	252	7685	0.359	ng		99
37) Benzo(a)pyrene	23.04	252	6720	0.375	ng	#	91
38) Dibenzo(a,h)anthracene	25.18	278	5953	0.337	ng		98
39) Benzo(g,h,i)perylene	25.79	276	6729	0.358	ng		98

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

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