Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116103.D
Acq On : 9 Aug 2019 10:37
Operator : HP/JU
Sample : PB122069BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:45 AM

Quant Time: Aug 10 02:35:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	131804	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	533780	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	277320	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	476302	20.00	ng	0.00
76) Chrysene-d12	14.00	240	318268	20.00	ng	0.00
87) Perylene-d12	15.47	264	266775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	879878	111.75	ng	0.00
7) Phenol-d6	6.48	99	1097101	110.44	ng	0.00
23) Nitrobenzene-d5	7.40	82	719245	77.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	305631	113.67	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1223243	82.62	ng	-0.01
79) Terphenyl-d14	12.94	244	1300936	86.13	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	157353	39.561	ng	99
3) Pyridine	3.45	79	359655	32.370	ng	100
4) n-Nitrosodimethylamine	3.39	42	161039	36.727	ng	97
6) Aniline	6.50	93	425426	29.905	ng	92
8) 2-Chlorophenol	6.63	128	370876	42.599	ng	99
9) Benzaldehyde	6.39	77	150623	21.976	ng	98
10) Phenol	6.50	94	463675	39.638	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	357204	41.534	ng	97
12) 1,3-Dichlorobenzene	6.78	146	400308	39.785	ng	99
13) 1,4-Dichlorobenzene	6.86	146	402874	39.989	ng	98
14) 1,2-Dichlorobenzene	7.01	146	376565	40.593	ng	99
15) Benzyl Alcohol	6.99	79	308929	40.980	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	471403	40.185	ng	99
17) 2-Methylphenol	7.10	107	309102	41.929	ng	100
18) Hexachloroethane	7.35	117	147692	39.818	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	255353	41.483	ng	98
20) 3+4-Methylphenols	7.25	107	375704	43.066	ng	96
22) Acetophenone	7.25	105	501875	42.871	ng	99
24) Nitrobenzene	7.42	77	409358	40.998	ng	100
25) Isophorone	7.66	82	736094	41.629	ng	100
26) 2-Nitrophenol	7.74	139	204642	43.479	ng	94
27) 2,4-Dimethylphenol	7.77	122	327695	46.277	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	453408	41.371	ng	99
29) 2,4-Dichlorophenol	7.99	162	320139	42.818	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	348032	40.836	ng	99
31) Naphthalene	8.14	128	1059725	42.189	ng	99
32) Benzoic acid	7.93	122	181205	36.296	ng	95
33) 4-Chloroaniline	8.19	127	274438	24.453	ng	98
34) Hexachlorobutadiene	8.26	225	196320	39.991	ng	99
35) Caprolactam	8.56	113	95824m	39.627	ng	
36) 4-Chloro-3-methylphenol	8.68	107	327913	42.158	ng	98
37) 2-Methylnaphthalene	8.83	142	705392	42.641	ng	99
38) 1-Methylnaphthalene	8.93	142	659227	42.123	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	324276	43.739	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	145518	46.407 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	206749	40.515 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	220084	41.722 ng	98
46) 1,1'-Biphenyl	9.30	154	849810	43.405 ng	98
47) 2-Chloronaphthalene	9.32	162	675958	41.482 ng	99
48) 2-Nitroaniline	9.42	65	208377	38.687 ng	98
49) Acenaphthylene	9.74	152	1003035	42.192 ng	98
50) Dimethylphthalate	9.60	163	781682	41.397 ng	99
51) 2,6-Dinitrotoluene	9.66	165	174388	42.498 ng	98
52) Acenaphthene	9.91	154	610370	41.850 ng	100
53) 3-Nitroaniline	9.83	138	133053	26.241 ng	96
54) 2,4-Dinitrophenol	9.95	184	134427	65.932 ng	98
55) Dibenzofuran	10.08	168	887095	41.825 ng	100
56) 4-Nitrophenol	10.01	139	219764	67.660 ng	93
57) 2,4-Dinitrotoluene	10.07	165	222447	40.716 ng	98
58) Fluorene	10.42	166	699344	42.857 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	183765	41.407 ng	100
60) Diethylphthalate	10.29	149	740546	42.007 ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	352364	42.636 ng	99
62) 4-Nitroaniline	10.45	138	186007	35.498 ng	98
63) Azobenzene	10.57	77	770312	42.482 ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	108668	43.052 ng	94
66) n-Nitrosodiphenylamine	10.53	169	622826	43.444 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	217304	42.619 ng	97
68) Hexachlorobenzene	10.98	284	242600	41.147 ng	93
69) Atrazine	11.06	200	191685	40.643 ng	98
70) Pentachlorophenol	11.17	266	209829	73.303 ng	98
71) Phenanthrene	11.39	178	1011559	41.543 ng	99
72) Anthracene	11.44	178	1054719	42.800 ng	99
73) Carbazole	11.59	167	960211	42.949 ng	99
74) Di-n-butylphthalate	11.92	149	1145710	43.929 ng	99
75) Fluoranthene	12.57	202	1053703	41.335 ng	97
77) Benzidine	12.69	184	337305	31.370 ng	98
78) Pyrene	12.80	202	1073040	44.726 ng	100
80) Butylbenzylphthalate	13.41	149	459045	45.233 ng	95
81) Benzo(a)anthracene	13.99	228	855935	42.076 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	266063	37.647 ng	98
83) Chrysene	14.03	228	843476	42.709 ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	619465	46.972 ng	99
85) Di-n-octyl phthalate	14.58	149	957468	45.709 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	722532	43.559 ng	100
88) Benzo(b)fluoranthene	15.04	252	763359	49.488 ng	99
89) Benzo(k)fluoranthene	15.07	252	683184	45.472 ng	98
90) Benzo(a)pyrene	15.41	252	679606	49.286 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	604712	50.663 ng	99
92) Benzo(g,h,i)perylene	17.39	276	604666	51.583 ng	98

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

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