Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116183.D
Acq On : 12 Aug 2019 11:18
Operator : HP/JU
Sample : PB122127BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Manual Integrations APPROVED
mohammad
8/14/2019 2:53:21 AM

Quant Time: Aug 12 15:14:23 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	6.83	152	136210	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	570516	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	314151	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	554751	20.00	ng	0.00
76) Chrysene-d12	14.01	240	379328	20.00	ng	0.00
87) Perylene-d12	15.48	264	286027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	927990	114.05	ng	0.00
7) Phenol-d6	6.48	99	1166583	113.64	ng	0.00
23) Nitrobenzene-d5	7.40	82	766614	77.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	347502	114.09	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1355593	80.83	ng	-0.01
79) Terphenyl-d14	12.94	244	1518520	84.35	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	165825	40.342	ng	99
3) Pyridine	3.45	79	368448	32.088	ng	98
4) n-Nitrosodimethylamine	3.39	42	168593	37.206	ng	97
6) Aniline	6.50	93	429387	29.207	ng	96
8) 2-Chlorophenol	6.63	128	395473	43.954	ng	100
9) Benzaldehyde	6.39	77	119112	16.816	ng	98
10) Phenol	6.49	94	498332	41.223	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	381159	42.886	ng	97
12) 1,3-Dichlorobenzene	6.77	146	417910	40.191	ng	99
13) 1,4-Dichlorobenzene	6.85	146	425630	40.881	ng	98
14) 1,2-Dichlorobenzene	7.00	146	390509	40.735	ng	98
15) Benzyl Alcohol	6.98	79	323845	41.569	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	496594	40.963	ng	95
17) 2-Methylphenol	7.10	107	333653	43.795	ng	96
18) Hexachloroethane	7.35	117	155377	40.534	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	270848	42.577	ng	99
20) 3+4-Methylphenols	7.25	107	405211	44.946	ng	94
22) Acetophenone	7.25	105	534785	42.741	ng	100
24) Nitrobenzene	7.42	77	442275	41.442	ng	97
25) Isophorone	7.66	82	805965	42.646	ng	99
26) 2-Nitrophenol	7.73	139	221247	43.980	ng	100
27) 2,4-Dimethylphenol	7.77	122	359586	47.511	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	497203	42.445	ng	100
29) 2,4-Dichlorophenol	7.98	162	349920	43.788	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	371653	40.799	ng	100
31) Naphthalene	8.14	128	1149209	42.805	ng	98
32) Benzoic acid	7.93	122	225642	42.287	ng	97
33) 4-Chloroaniline	8.19	127	364496	30.386	ng	99
34) Hexachlorobutadiene	8.25	225	208555	39.748	ng	99
35) Caprolactam	8.57	113	108972m	42.162	ng	
36) 4-Chloro-3-methylphenol	8.68	107	369828	44.485	ng	98
37) 2-Methylnaphthalene	8.83	142	777569	43.977	ng	100
38) 1-Methylnaphthalene	8.93	142	724644	43.321	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	358826	42.725	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	143919	41.268 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	232910	40.290 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	246499	41.251 ng	98
46) 1,1'-Biphenyl	9.29	154	945638	42.637 ng	99
47) 2-Chloronaphthalene	9.32	162	745545	40.388 ng	99
48) 2-Nitroaniline	9.42	65	238016	39.009 ng	97
49) Acenaphthylene	9.73	152	1124534	41.757 ng	99
50) Dimethylphthalate	9.59	163	893198	41.757 ng	99
51) 2,6-Dinitrotoluene	9.66	165	196465	42.265 ng	96
52) Acenaphthene	9.90	154	678960	41.095 ng	100
53) 3-Nitroaniline	9.83	138	162779	28.340 ng	98
54) 2,4-Dinitrophenol	9.95	184	164080	70.435 ng	99
55) Dibenzofuran	10.08	168	971042	40.415 ng	100
56) 4-Nitrophenol	10.01	139	264004	71.751 ng	99
57) 2,4-Dinitrotoluene	10.07	165	248731	40.189 ng	97
58) Fluorene	10.42	166	794853	42.999 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	207662	41.306 ng	97
60) Diethylphthalate	10.30	149	868508	43.490 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	396990	42.404 ng	99
62) 4-Nitroaniline	10.46	138	213948	36.043 ng	95
63) Azobenzene	10.57	77	883720	43.023 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	125200	42.588 ng	87
66) n-Nitrosodiphenylamine	10.53	169	715860	42.872 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	246331	41.480 ng	97
68) Hexachlorobenzene	10.97	284	273635	39.848 ng	96
69) Atrazine	11.06	200	221672	40.354 ng	99
70) Pentachlorophenol	11.17	266	257543	77.249 ng	98
71) Phenanthrene	11.39	178	1168703	41.209 ng	99
72) Anthracene	11.44	178	1204260	41.958 ng	99
73) Carbazole	11.59	167	1097413	42.144 ng	100
74) Di-n-butylphthalate	11.92	149	1356267	44.649 ng	98
75) Fluoranthene	12.57	202	1228197	41.367 ng	98
77) Benzidine	12.69	184	368471	28.752 ng	98
78) Pyrene	12.80	202	1254492	43.872 ng	99
80) Butylbenzylphthalate	13.41	149	565264	46.733 ng	96
81) Benzo(a)anthracene	14.00	228	1024779	42.267 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	315940	37.508 ng	99
83) Chrysene	14.03	228	998275	42.410 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	763664	48.585 ng	98
85) Di-n-octyl phthalate	14.59	149	1205926	48.303 ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	789724	39.946 ng	99
88) Benzo(b)fluoranthene	15.06	252	873838	52.837 ng	100
89) Benzo(k)fluoranthene	15.09	252	845226	52.470 ng	99
90) Benzo(a)pyrene	15.42	252	803635	54.358 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	668050	52.203 ng	99
92) Benzo(g,h,i)perylene	17.40	276	665981	52.990 ng	99

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

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