Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093818.D
Acq On : 22 Mar 2017 5:56
Operator : SJ/MA
Sample : PB97716BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97716BS

Quant Time: Mar 22 07:38:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	200235	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	868290	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	376733	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	612773	20.00	ng		0.00
75) Chrysene-d12	13.97	240	326033	20.00	ng		0.00
86) Perylene-d12	15.37	264	350617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	959806	83.82	ng		0.01
7) Phenol-d6	6.46	99	1236875	87.42	ng		0.00
23) Nitrobenzene-d5	7.40	82	1196896	78.20	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	248084	85.02	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1796325	80.18	ng		0.00
78) Terphenyl-d14	12.93	244	1251188	78.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	201164	34.67	ng		99
3) Pyridine	3.19	79	599284	38.55	ng		99
4) n-Nitrosodimethylamine	3.13	42	268269	40.02	ng		93
6) Aniline	6.48	93	431497	21.81	ng	#	61
8) 2-Chlorophenol	6.61	128	562524	44.67	ng		93
9) Benzaldehyde	6.37	77	187666	18.76	ng		95
10) Phenol	6.47	94	642437	40.39	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	498874	38.63	ng		99
12) 1,3-Dichlorobenzene	6.77	146	580242	40.62	ng		99
13) 1,4-Dichlorobenzene	6.85	146	623631	42.79	ng		99
14) 1,2-Dichlorobenzene	7.00	146	521545	39.02	ng		99
15) Benzyl Alcohol	6.97	79	493647	47.09	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	783726	38.17	ng		99
17) 2-Methylphenol	7.09	107	471520	42.66	ng		98
18) Hexachloroethane	7.35	117	211762	40.99	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	361710	39.02	ng		98
20) 3+4-Methylphenols	7.24	107	576125	44.03	ng	#	88
22) Acetophenone	7.24	105	725900	38.61	ng	#	96
24) Nitrobenzene	7.41	77	532123	36.39	ng		99
25) Isophorone	7.66	82	1076321	39.69	ng	#	91
26) 2-Nitrophenol	7.73	139	303376	45.88	ng		94
27) 2,4-Dimethylphenol	7.77	122	577100	42.43	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	634153	36.35	ng		99
29) 2,4-Dichlorophenol	7.97	162	472295	40.80	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	481981	40.09	ng		99
31) Naphthalene	8.14	128	1662147	41.24	ng		100
32) Benzoic acid	7.89	122	356731	42.18	ng		98
33) 4-Chloroaniline	8.18	127	216548	12.50	ng	#	89
34) Hexachlorobutadiene	8.26	225	248841	39.36	ng		98
35) Caprolactam	8.55	113	158032	43.49	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	519062	43.27	ng	#	83
37) 2-Methylnaphthalene	8.82	142	1051686	39.98	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	406971	40.79	ng		98
40) Hexachlorocyclopentadiene	8.98	237	273940	54.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	342790	47.33	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	316823	42.14	ng		96
45) 1,1'-Biphenyl	9.29	154	1262871	41.25	ng		98
46) 2-Chloronaphthalene	9.32	162	1014370	43.21	ng		96
47) 2-Nitroaniline	9.41	65	334323	50.99	ng	#	76
48) Acenaphthylene	9.73	152	1493249	39.08	ng		100
49) Dimethylphthalate	9.59	163	1146330	42.76	ng		99
50) 2,6-Dinitrotoluene	9.65	165	238396	40.50	ng	#	78
51) Acenaphthene	9.90	154	926365	40.60	ng		99
52) 3-Nitroaniline	9.81	138	168155	23.80	ng		96
53) 2,4-Dinitrophenol	9.92	184	151108	65.40	ng	#	55
54) Dibenzofuran	10.07	168	1259457	41.01	ng		97
55) 4-Nitrophenol	9.98	139	418830	78.92	ng	#	66
56) 2,4-Dinitrotoluene	10.05	165	308736	41.32	ng	#	73
57) Fluorene	10.41	166	915924	38.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	223410	43.25	ng		99
59) Diethylphthalate	10.30	149	1137403	43.53	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	417813	42.15	ng		95
61) 4-Nitroaniline	10.42	138	240765	38.09	ng		94
62) Azobenzene	10.56	77	1128574	43.67	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	120821	34.03	ng	#	53
65) n-Nitrosodiphenylamine	10.53	169	974941	47.73	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	250321	42.44	ng		94
67) Hexachlorobenzene	10.96	284	257073	42.26	ng	#	86
68) Atrazine	11.05	200	272245	43.41	ng		94
69) Pentachlorophenol	11.16	266	287109	80.72	ng		98
70) Phenanthrene	11.37	178	1415783	43.38	ng		99
71) Anthracene	11.42	178	1328700	39.55	ng		100
72) Carbazole	11.57	167	1200035	36.08	ng		99
73) Di-n-butylphthalate	11.91	149	1556611	43.48	ng		100
74) Fluoranthene	12.55	202	1213373	36.17	ng		100
76) Benzidine	12.67	184	365570	25.56	ng		95
77) Pyrene	12.78	202	1238644	45.65	ng		100
79) Butylbenzylphthalate	13.41	149	564464	46.55	ng		96
80) Benzo(a)anthracene	13.96	228	836932	40.98	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	267125	34.71	ng		98
82) Chrysene	13.99	228	822937	40.33	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	661321	45.28	ng		99
84) Di-n-octyl phthalate	14.57	149	1137060	42.67	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	778439	46.59	ng		99
87) Benzo(b)fluoranthene	14.97	252	1015290m	42.95	ng		
88) Benzo(k)fluoranthene	15.01	252	638530m	36.58	ng		
89) Benzo(a)pyrene	15.32	252	813597	42.45	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	664626	41.76	ng		97
91) Benzo(g,h,i)perylene	17.15	276	613834	38.86	ng		94

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

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