Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092480.D
Acq On : 25 Jan 2017 16:55
Operator : SJ/MA
Sample : PB96304BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96304BS

Quant Time: Jan 26 14:16:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	178267	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	726701	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	391910	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	614830	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	527735	20.00	ng		-0.01
86) Perylene-d12	15.63	264	422903	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1356909	118.43	ng		0.02
7) Phenol-d6	6.60	99	1950322	133.63	ng		0.01
23) Nitrobenzene-d5	7.54	82	1182686	88.90	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	398358	149.16	ng		0.01
44) 2-Fluorobiphenyl	9.36	172	2045008	96.49	ng		0.00
78) Terphenyl-d14	13.11	244	1562196	78.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	207323	34.02	ng	#	83
3) Pyridine	3.47	79	608718	35.09	ng	#	84
4) n-Nitrosodimethylamine	3.42	42	334144	39.26	ng		84
6) Aniline	6.64	93	513530	23.59	ng	#	44
8) 2-Chlorophenol	6.75	128	500039	41.55	ng		91
9) Benzaldehyde	6.51	77	306662	29.61	ng		91
10) Phenol	6.61	94	777457	44.13	ng	#	69
11) bis(2-Chloroethyl)ether	6.70	93	523414	39.71	ng		92
12) 1,3-Dichlorobenzene	6.91	146	582315m	40.91	ng		
13) 1,4-Dichlorobenzene	6.99	146	595940	41.60	ng		94
14) 1,2-Dichlorobenzene	7.14	146	510557	37.57	ng		99
15) Benzyl Alcohol	7.12	79	511414	46.50	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1028435	39.45	ng		93
17) 2-Methylphenol	7.22	107	461593	44.89	ng		97
18) Hexachloroethane	7.48	117	198794	40.28	ng	#	88
19) n-Nitroso-di-n-propylamine	7.39	70	391658	39.41	ng		93
20) 3+4-Methylphenols	7.38	107	553956	44.40	ng		95
22) Acetophenone	7.38	105	760477	43.94	ng	#	84
24) Nitrobenzene	7.56	77	612773	43.97	ng	#	84
25) Isophorone	7.80	82	1138701	43.44	ng		98
26) 2-Nitrophenol	7.87	139	277409	47.50	ng		92
27) 2,4-Dimethylphenol	7.92	122	534777	44.03	ng		95
28) bis(2-Chloroethoxy)methane	8.01	93	664230	38.60	ng		98
29) 2,4-Dichlorophenol	8.11	162	479835	45.57	ng		87
30) 1,2,4-Trichlorobenzene	8.20	180	470707	41.36	ng		96
31) Naphthalene	8.28	128	1459170	39.23	ng		99
32) Benzoic acid	8.04	122	347847	39.26	ng		97
33) 4-Chloroaniline	8.33	127	185219	11.77	ng		97
34) Hexachlorobutadiene	8.41	225	260768	41.89	ng		99
35) Caprolactam	8.72	113	177231m	50.40	ng		
36) 4-Chloro-3-methylphenol	8.82	107	540115	47.57	ng		95
37) 2-Methylnaphthalene	8.98	142	991205	42.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	471367	47.68	ng		99
40) Hexachlorocyclopentadiene	9.14	237	437842	88.44	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	361216	47.69	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	330016	47.62	ng	#	91
45) 1,1'-Biphenyl	9.45	154	1190028	42.01	ng		96
46) 2-Chloronaphthalene	9.47	162	929494	40.17	ng		95
47) 2-Nitroaniline	9.56	65	335287	43.03	ng		91
48) Acenaphthylene	9.89	152	1517850	44.72	ng		99
49) Dimethylphthalate	9.76	163	1151935	46.22	ng		100
50) 2,6-Dinitrotoluene	9.81	165	258341	50.71	ng	#	86
51) Acenaphthene	10.06	154	975519	46.26	ng		95
52) 3-Nitroaniline	9.98	138	136481	21.39	ng	#	76
53) 2,4-Dinitrophenol	10.09	184	254906	77.06	ng	#	69
54) Dibenzofuran	10.24	168	1280128	44.70	ng		97
55) 4-Nitrophenol	10.14	139	463172	91.42	ng		90
56) 2,4-Dinitrotoluene	10.22	165	351272	51.95	ng	#	65
57) Fluorene	10.58	166	896744	42.23	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	259085	49.90	ng		97
59) Diethylphthalate	10.46	149	1115013	46.66	ng	#	93
60) 4-Chlorophenyl-phenylether	10.58	204	458021	44.48	ng	#	75
61) 4-Nitroaniline	10.60	138	260023	40.75	ng		95
62) Azobenzene	10.74	77	1305967	48.02	ng		90
64) 4,6-Dinitro-2-methylphenol	10.62	198	166158	49.93	ng	#	43
65) n-Nitrosodiphenylamine	10.69	169	861628	44.88	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	283100	45.60	ng	#	88
67) Hexachlorobenzene	11.13	284	275579	43.92	ng	#	91
68) Atrazine	11.22	200	267436	40.69	ng		98
69) Pentachlorophenol	11.32	266	346588	86.39	ng		98
70) Phenanthrene	11.54	178	1476486	43.61	ng		99
71) Anthracene	11.60	178	1543549	46.65	ng		99
72) Carbazole	11.74	167	1273435	40.31	ng		100
73) Di-n-butylphthalate	12.08	149	1649191	45.65	ng		99
74) Fluoranthene	12.73	202	1406521	42.47	ng		99
76) Benzidine	12.85	184	508555	25.96	ng		97
77) Pyrene	12.96	202	1456390	38.09	ng		100
79) Butylbenzylphthalate	13.57	149	734059	47.39	ng		98
80) Benzo(a)anthracene	14.15	228	1190633	41.98	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	235476	21.87	ng	#	93
82) Chrysene	14.18	228	1104692	36.47	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	855773	43.87	ng		100
84) Di-n-octyl phthalate	14.75	149	1647201	46.51	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1006384	44.91	ng	#	94
87) Benzo(b)fluoranthene	15.20	252	1382984m	50.94	ng		
88) Benzo(k)fluoranthene	15.23	252	851138m	37.70	ng		
89) Benzo(a)pyrene	15.57	252	1055058	45.94	ng		99
90) Dibenzo(a,h)anthracene	17.14	278	846936	45.60	ng		99
91) Benzo(g,h,i)perylene	17.56	276	836003	44.51	ng	#	89

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

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