Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
Data File : BF092986.D
Acq On : 16 Feb 2017 17:41
Operator : SJ/MA
Sample : PB96992BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96992BS

Quant Time: Feb 16 18:22:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147551	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	604124	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	327348	20.00	ng		-0.03
63) Phenanthrene-d10	11.38	188	573039	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	484087	20.00	ng		-0.03
86) Perylene-d12	15.45	264	396220	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1077558	125.29	ng		-0.01
7) Phenol-d6	6.50	99	1395772	126.13	ng		-0.03
23) Nitrobenzene-d5	7.42	82	814192	75.05	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	304633	128.67	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1405668	77.80	ng		-0.02
78) Terphenyl-d14	12.97	244	1512792	73.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	160658	34.57	ng	#	86
3) Pyridine	3.23	79	412495	34.91	ng		86
4) n-Nitrosodimethylamine	3.18	42	223793	40.33	ng		84
6) Aniline	6.52	93	331692	21.97	ng	#	82
8) 2-Chlorophenol	6.65	128	402338	42.40	ng		99
9) Benzaldehyde	6.41	77	81070	10.23	ng		98
10) Phenol	6.52	94	468135	36.16	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	414963	40.15	ng		97
12) 1,3-Dichlorobenzene	6.80	146	416371m	37.47	ng		
13) 1,4-Dichlorobenzene	6.88	146	430017	38.23	ng		98
14) 1,2-Dichlorobenzene	7.04	146	407288	37.87	ng		94
15) Benzyl Alcohol	7.00	79	335581	40.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	717392	39.96	ng		93
17) 2-Methylphenol	7.13	107	356234	43.76	ng		94
18) Hexachloroethane	7.37	117	146303	38.10	ng	#	89
19) n-Nitroso-di-n-propylamine	7.28	70	270223	38.36	ng		95
20) 3+4-Methylphenols	7.28	107	392298	40.31	ng	#	83
22) Acetophenone	7.28	105	522879	37.91	ng	#	92
24) Nitrobenzene	7.45	77	462425	41.51	ng		94
25) Isophorone	7.69	82	822158	40.67	ng		97
26) 2-Nitrophenol	7.77	139	224152	42.33	ng	#	81
27) 2,4-Dimethylphenol	7.80	122	355294	38.21	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	495085	36.98	ng		100
29) 2,4-Dichlorophenol	8.01	162	367285	42.35	ng		92
30) 1,2,4-Trichlorobenzene	8.09	180	368106	39.38	ng		96
31) Naphthalene	8.17	128	1157762	37.80	ng		99
32) Benzoic acid	7.94	122	250146	47.55	ng		98
33) 4-Chloroaniline	8.21	127	173670	14.46	ng		94
34) Hexachlorobutadiene	8.28	225	184832	35.94	ng		99
35) Caprolactam	8.59	113	120035m	44.00	ng		
36) 4-Chloro-3-methylphenol	8.70	107	364252	40.28	ng		99
37) 2-Methylnaphthalene	8.85	142	745275	37.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	350022	38.09	ng		100
40) Hexachlorocyclopentadiene	9.01	237	310549	74.91	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	266237	44.09	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	253123	38.26	ng	#	85
45) 1,1'-Biphenyl	9.32	154	971071	40.97	ng		99
46) 2-Chloronaphthalene	9.34	162	740566	39.94	ng		98
47) 2-Nitroaniline	9.45	65	261209	41.90	ng	#	74
48) Acenaphthylene	9.76	152	1143629	35.70	ng		99
49) Dimethylphthalate	9.63	163	929194	42.14	ng		99
50) 2,6-Dinitrotoluene	9.69	165	210762	44.26	ng		95
51) Acenaphthene	9.93	154	739388	38.61	ng		96
52) 3-Nitroaniline	9.85	138	117564	21.57	ng		89
53) 2,4-Dinitrophenol	9.96	184	183472	75.99	ng	#	60
54) Dibenzofuran	10.10	168	972962	37.98	ng		98
55) 4-Nitrophenol	10.03	139	352086	89.71	ng		85
56) 2,4-Dinitrotoluene	10.09	165	239063	37.71	ng		93
57) Fluorene	10.44	166	721810	36.63	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	209557	47.48	ng		96
59) Diethylphthalate	10.33	149	866713	41.71	ng	#	92
60) 4-Chlorophenyl-phenylether	10.43	204	357156	37.72	ng		97
61) 4-Nitroaniline	10.48	138	232627	41.68	ng		80
62) Azobenzene	10.59	77	962586	44.84	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	141519	40.99	ng	#	65
65) n-Nitrosodiphenylamine	10.56	169	678663	37.07	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	209793	35.04	ng		95
67) Hexachlorobenzene	10.99	284	223209	37.73	ng	#	93
68) Atrazine	11.08	200	213605	36.36	ng		99
69) Pentachlorophenol	11.18	266	241345	79.11	ng		97
70) Phenanthrene	11.40	178	1130758	34.44	ng		98
71) Anthracene	11.46	178	1361575	41.30	ng		98
72) Carbazole	11.61	167	1084045	34.40	ng		99
73) Di-n-butylphthalate	11.94	149	1339109	39.29	ng	#	97
74) Fluoranthene	12.59	202	1251716	36.96	ng		97
76) Benzidine	12.72	184	376525	18.25	ng		96
77) Pyrene	12.82	202	1312774	36.24	ng		99
79) Butylbenzylphthalate	13.44	149	608416	41.36	ng		93
80) Benzo(a)anthracene	14.01	228	1039176	35.10	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	250860	23.77	ng	#	94
82) Chrysene	14.04	228	982652	35.45	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	836570	41.58	ng	#	97
84) Di-n-octyl phthalate	14.60	149	1396145	42.62	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	867737	40.41	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1030333	39.51	ng		98
88) Benzo(k)fluoranthene	15.06	252	881194m	39.13	ng		
89) Benzo(a)pyrene	15.39	252	924245	40.97	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	731277	40.11	ng		97
91) Benzo(g,h,i)perylene	17.28	276	727767	39.51	ng	#	92

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

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