Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
Data File : BF092993.D
Acq On : 16 Feb 2017 20:53
Operator : SJ/MA
Sample : I1859-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280514-COMP-0-2FTMSD

Quant Time: Feb 17 00:13:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 23:55:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	148471	20.00	ng		0.01
21) Naphthalene-d8	8.14	136	602443	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	321067	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	543087	20.00	ng		0.00
75) Chrysene-d12	14.02	240	456445	20.00	ng		0.00
86) Perylene-d12	15.45	264	322419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1018550	117.70	ng		0.02
7) Phenol-d6	6.51	99	1402834	125.98	ng		0.01
23) Nitrobenzene-d5	7.42	82	969210	89.59	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	342729	147.59	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1618740	91.34	ng		0.00
78) Terphenyl-d14	12.97	244	1521945	78.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	165666	35.43	ng	#	71
3) Pyridine	3.31	79	266175	22.39	ng		87
4) n-Nitrosodimethylamine	3.23	42	234293	41.96	ng		83
6) Aniline	6.53	93	99504	6.55	ng	#	60
8) 2-Chlorophenol	6.65	128	426670	44.69	ng		96
9) Benzaldehyde	6.41	77	72061	9.03	ng		95
10) Phenol	6.52	94	519411	39.87	ng	#	67
11) bis(2-Chloroethyl)ether	6.60	93	442591	42.56	ng		95
12) 1,3-Dichlorobenzene	6.80	146	452159m	40.43	ng		
13) 1,4-Dichlorobenzene	6.88	146	463785	40.98	ng		97
14) 1,2-Dichlorobenzene	7.04	146	431670	39.89	ng		94
15) Benzyl Alcohol	7.01	79	349617	42.41	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	783493	43.37	ng		99
17) 2-Methylphenol	7.13	107	372310	45.46	ng		97
18) Hexachloroethane	7.37	117	158364	40.99	ng	#	86
19) n-Nitroso-di-n-propylamine	7.28	70	317066	44.73	ng		95
20) 3+4-Methylphenols	7.28	107	437569	44.68	ng	#	72
22) Acetophenone	7.28	105	571247	41.53	ng	#	94
24) Nitrobenzene	7.45	77	475462	42.80	ng		96
25) Isophorone	7.69	82	917726	45.52	ng		97
26) 2-Nitrophenol	7.77	139	255308	48.35	ng	#	84
27) 2,4-Dimethylphenol	7.80	122	401802	43.33	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	566965	42.47	ng		99
29) 2,4-Dichlorophenol	8.01	162	388413	44.91	ng		92
30) 1,2,4-Trichlorobenzene	8.09	180	393092	42.17	ng		95
31) Naphthalene	8.17	128	1254977	41.09	ng		99
32) Benzoic acid	7.94	122	191613	38.19	ng		96
33) 4-Chloroaniline	8.21	127	47294	3.95	ng	#	94
34) Hexachlorobutadiene	8.28	225	201288	39.25	ng		99
35) Caprolactam	8.59	113	108659m	39.94	ng		
36) 4-Chloro-3-methylphenol	8.70	107	432100	47.92	ng		98
37) 2-Methylnaphthalene	8.85	142	839293	42.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	373950	41.49	ng		98
40) Hexachlorocyclopentadiene	9.01	237	326406	80.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	276940	46.76	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	282032	43.47	ng	#	90
45) 1,1'-Biphenyl	9.32	154	1024034	44.05	ng		98
46) 2-Chloronaphthalene	9.34	162	789232	43.40	ng		96
47) 2-Nitroaniline	9.45	65	284953	46.60	ng		91
48) Acenaphthylene	9.77	152	1346521	42.86	ng		97
49) Dimethylphthalate	9.63	163	1052547	48.67	ng		99
50) 2,6-Dinitrotoluene	9.69	165	205720	44.05	ng	#	79
51) Acenaphthene	9.93	154	884581	47.09	ng		98
52) 3-Nitroaniline	9.86	138	19561	3.66	ng		87
53) 2,4-Dinitrophenol	9.97	184	245478	101.94	ng		95
54) Dibenzofuran	10.11	168	1158394	46.11	ng	#	89
55) 4-Nitrophenol	10.03	139	289340	75.16	ng		93
56) 2,4-Dinitrotoluene	10.10	165	315188	50.69	ng	#	84
57) Fluorene	10.44	166	850262	43.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	224542	51.87	ng		98
59) Diethylphthalate	10.33	149	1014456	49.78	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	419119	45.13	ng	#	79
61) 4-Nitroaniline	10.48	138	176803	32.30	ng		81
62) Azobenzene	10.60	77	1107445	52.60	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	152553	46.25	ng	#	49
65) n-Nitrosodiphenylamine	10.56	169	657837	37.92	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	243946	42.99	ng	#	90
67) Hexachlorobenzene	10.99	284	232858	41.53	ng	#	83
68) Atrazine	11.08	200	169594	30.46	ng		99
69) Pentachlorophenol	11.20	266	290489	98.53	ng		97
70) Phenanthrene	11.40	178	1309843	42.10	ng		99
71) Anthracene	11.46	178	1380941	44.20	ng		99
72) Carbazole	11.62	167	1062216	35.56	ng	#	95
73) Di-n-butylphthalate	11.94	149	1461213	45.24	ng		98
74) Fluoranthene	12.59	202	1250277	38.96	ng		99
77) Pyrene	12.82	202	1253559	36.70	ng		99
79) Butylbenzylphthalate	13.44	149	619428	44.65	ng		94
80) Benzo(a)anthracene	14.01	228	1065931	38.18	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	56209	5.65	ng	#	96
82) Chrysene	14.04	228	969993m	37.11	ng		
83) Bis(2-ethylhexyl)phthalate	14.00	149	869861	45.85	ng	#	96
84) Di-n-octyl phthalate	14.60	149	1431268	46.33	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	865706	42.76	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1005130	47.36	ng		98
88) Benzo(k)fluoranthene	15.06	252	896479m	48.93	ng		
89) Benzo(a)pyrene	15.39	252	879028	47.89	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	736780	49.66	ng		98
91) Benzo(g,h,i)perylene	17.28	276	728485	48.61	ng	#	91

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

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