Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079165.D
Acq On : 12 May 2015 18:48
Operator : TP/IZ
Sample : G2175-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-EMSD

Quant Time: May 13 01:47:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	51576	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	220634	20.00	ng		0.00
38) Acenaphthene-d10	11.04	164	104056	20.00	ng		0.00
63) Phenanthrene-d10	12.88	188	200506	20.00	ng		0.00
75) Chrysene-d12	16.17	240	213993	20.00	ng		-0.02
86) Perylene-d12	17.94	264	233055	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	440247	146.93	ng		0.01
7) Phenol-d6	6.86	99	585148	147.75	ng		0.01
23) Nitrobenzene-d5	7.98	82	338239	88.11	ng		0.00
41) 2,4,6-Tribromophenol	12.02	330	168986	150.12	ng		0.01
44) 2-Fluorobiphenyl	10.20	172	629689	84.31	ng		0.00
78) Terphenyl-d14	14.87	244	754757	84.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	42587	32.69	ng	#	27
3) Pyridine	2.97	79	113907	29.88	ng		98
4) n-Nitrosodimethylamine	2.88	42	69734m	42.69	ng		
6) Aniline	6.87	93	194517	34.80	ng	#	19
8) 2-Chlorophenol	7.02	128	163064	47.98	ng		96
9) Benzaldehyde	6.73	77	91574	34.32	ng		94
10) Phenol	6.87	94	220014	47.89	ng		78
11) bis(2-Chloroethyl)ether	6.97	93	149960	44.52	ng		98
12) 1,3-Dichlorobenzene	7.21	146	163831	42.89	ng	#	89
13) 1,4-Dichlorobenzene	7.30	146	168831	42.95	ng		96
14) 1,2-Dichlorobenzene	7.48	146	160692	43.91	ng		98
15) Benzyl Alcohol	7.46	79	133738	45.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.64	45	235153	45.63	ng		98
17) 2-Methylphenol	7.61	107	131934	48.24	ng		97
18) Hexachloroethane	7.91	117	56578	41.79	ng		97
19) n-Nitroso-di-n-propylamine	7.79	70	112156	41.93	ng		91
20) 3+4-Methylphenols	7.80	107	170416	46.77	ng	#	46
22) Acetophenone	7.79	105	227853	45.71	ng	#	91
24) Nitrobenzene	8.00	77	173304	45.54	ng	#	88
25) Isophorone	8.30	82	309144	43.44	ng		95
26) 2-Nitrophenol	8.39	139	79569	50.52	ng	#	84
27) 2,4-Dimethylphenol	8.46	122	153482	48.70	ng		95
28) bis(2-Chloroethoxy)methane	8.57	93	188559	42.98	ng		97
29) 2,4-Dichlorophenol	8.68	162	134128	47.86	ng		91
30) 1,2,4-Trichlorobenzene	8.79	180	132228	42.95	ng		95
31) Naphthalene	8.89	128	462797	44.02	ng		98
32) Benzoic acid	8.56	122	74149	38.93	ng		89
33) 4-Chloroaniline	8.96	127	167284	37.61	ng		98
34) Hexachlorobutadiene	9.04	225	73099	41.23	ng		97
35) Caprolactam	9.38	113	42008	46.35	ng		92
36) 4-Chloro-3-methylphenol	9.56	107	141558	48.09	ng		99
37) 2-Methylnaphthalene	9.75	142	323218	44.37	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	127992	43.67	ng	#	100
40) Hexachlorocyclopentadiene	9.93	237	53682	36.43	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.10	196	91851	45.59	ng		96
43) 2,4,5-Trichlorophenol	10.15	196	96775	47.51	ng	#	86
45) 1,1'-Biphenyl	10.33	154	373587	45.16	ng		95
46) 2-Chloronaphthalene	10.34	162	285574	44.26	ng		99
47) 2-Nitroaniline	10.48	65	94040	50.30	ng	#	82
48) Acenaphthylene	10.86	152	472022	44.55	ng		99
49) Dimethylphthalate	10.72	163	400181	52.40	ng		98
50) 2,6-Dinitrotoluene	10.79	165	74550	49.46	ng	#	75
51) Acenaphthene	11.07	154	276488	43.76	ng		98
52) 3-Nitroaniline	10.99	138	84140	44.69	ng	#	87
53) 2,4-Dinitrophenol	11.12	184	31826	60.16	ng		89
54) Dibenzofuran	11.29	168	424081	46.47	ng		97
55) 4-Nitrophenol	11.21	139	156590	105.09	ng		92
56) 2,4-Dinitrotoluene	11.28	165	97566	48.97	ng		91
57) Fluorene	11.71	166	339993	45.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.44	232	79855	47.97	ng	#	100
59) Diethylphthalate	11.59	149	337721	44.64	ng		98
60) 4-Chlorophenyl-phenylether	11.72	204	149306	44.93	ng		96
61) 4-Nitroaniline	11.75	138	93167	49.47	ng		84
62) Azobenzene	11.92	77	342554	45.95	ng		97
64) 4,6-Dinitro-2-methylphenol	11.78	198	26181	35.19	ng		97
65) n-Nitrosodiphenylamine	11.87	169	302077	45.24	ng		99
66) 4-Bromophenyl-phenylether	12.33	248	94419	45.18	ng		96
67) Hexachlorobenzene	12.39	284	102745	43.01	ng		97
68) Atrazine	12.55	200	90993	46.86	ng		94
69) Pentachlorophenol	12.64	266	111709	79.94	ng		97
70) Phenanthrene	12.90	178	501350	44.70	ng		99
71) Anthracene	12.97	178	509778	46.33	ng		99
72) Carbazole	13.18	167	508252	48.46	ng		99
73) Di-n-butylphthalate	13.62	149	584654	46.48	ng	#	98
74) Fluoranthene	14.39	202	595470	50.95	ng		94
76) Benzidine	14.56	184	259777	45.04	ng		98
77) Pyrene	14.66	202	612086	49.64	ng		98
79) Butylbenzylphthalate	15.49	149	276349	51.27	ng		99
80) Benzo(a)anthracene	16.16	228	572276	48.84	ng		99
81) 3,3'-Dichlorobenzidine	16.14	252	211164	50.59	ng	#	95
82) Chrysene	16.21	228	532293	47.23	ng		99
83) Bis(2-ethylhexyl)phthalate	16.22	149	395298	48.42	ng		99
84) Di-n-octyl phthalate	17.03	149	702322	48.84	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.41	276	656263	45.70	ng	#	100
87) Benzo(b)fluoranthene	17.49	252	651527	51.07	ng		99
88) Benzo(k)fluoranthene	17.52	252	493114m	39.93	ng		
89) Benzo(a)pyrene	17.89	252	560443	47.71	ng		99
90) Dibenzo(a,h)anthracene	19.44	278	510634	40.91	ng		99
91) Benzo(g,h,i)perylene	19.84	276	531220	42.46	ng		95

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

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