Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
Data File : BF082109.D
Acq On : 7 Oct 2015 17:31
Operator : UM/IZ
Sample : G3888-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC093015MS

Quant Time: Oct 08 05:26:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	71648	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	281489	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	145411	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	293031	20.00	ng		0.00
75) Chrysene-d12	14.05	240	256542	20.00	ng		-0.01
86) Perylene-d12	15.50	264	202181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	541278	137.14	ng		0.02
7) Phenol-d6	6.51	99	646983	130.27	ng		0.01
23) Nitrobenzene-d5	7.44	82	443805	105.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	205728	139.70	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	921615	113.25	ng		-0.01
78) Terphenyl-d14	13.00	244	1002266	174.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	71569	41.70	ng	#	73
3) Pyridine	3.35	79	104273m	23.33	ng		
4) n-Nitrosodimethylamine	3.27	42	76281	37.58	ng		94
6) Aniline	6.55	93	54307	8.14	ng	#	75
8) 2-Chlorophenol	6.66	128	211507	48.53	ng		99
9) Benzaldehyde	6.43	77	8360	2.57	ng	#	83
10) Phenol	6.53	94	231583	41.57	ng		80
11) bis(2-Chloroethyl)ether	6.62	93	225182	52.12	ng		92
12) 1,3-Dichlorobenzene	6.81	146	236136	45.87	ng	#	93
13) 1,4-Dichlorobenzene	6.89	146	250656	46.63	ng	#	95
14) 1,2-Dichlorobenzene	7.04	146	217906m	45.49	ng		
15) Benzyl Alcohol	7.02	79	158127	44.11	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.15	45	289193	47.35	ng		80
17) 2-Methylphenol	7.13	107	170946	48.38	ng	#	85
18) Hexachloroethane	7.38	117	81744	48.57	ng	#	84
19) n-Nitroso-di-n-propylamine	7.29	70	148331	49.14	ng	#	76
20) 3+4-Methylphenols	7.29	107	202408	45.35	ng	#	50
22) Acetophenone	7.29	105	294811	51.22	ng	#	82
24) Nitrobenzene	7.46	77	228500	49.83	ng	#	71
25) Isophorone	7.70	82	417404	49.87	ng	#	93
26) 2-Nitrophenol	7.78	139	121134	55.04	ng	#	84
27) 2,4-Dimethylphenol	7.82	122	198753	51.33	ng	#	83
28) bis(2-Chloroethoxy)methane	7.91	93	234666	47.21	ng	#	93
29) 2,4-Dichlorophenol	8.02	162	200516	53.41	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	207553	49.52	ng		99
31) Naphthalene	8.18	128	628638	50.40	ng		97
32) Benzoic acid	7.93	122	109001	47.20	ng	#	70
33) 4-Chloroaniline	8.24	127	22176	4.11	ng	#	93
34) Hexachlorobutadiene	8.30	225	124734	50.32	ng		99
35) Caprolactam	8.61	113	49097m	47.24	ng		
36) 4-Chloro-3-methylphenol	8.72	107	197581	53.82	ng	#	84
37) 2-Methylnaphthalene	8.88	142	438245	51.47	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	212055	47.50	ng		99
40) Hexachlorocyclopentadiene	9.03	237	198537	86.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	144895	47.34	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	157318	49.99	ng		96
45) 1,1'-Biphenyl	9.34	154	522272	46.56	ng		95
46) 2-Chloronaphthalene	9.37	162	420273	47.71	ng		97
47) 2-Nitroaniline	9.46	65	121180	46.86	ng	#	72
48) Acenaphthylene	9.78	152	693244	49.17	ng		96
49) Dimethylphthalate	9.65	163	522524	52.06	ng	#	98
50) 2,6-Dinitrotoluene	9.71	165	112194	51.49	ng	#	89
51) Acenaphthene	9.95	154	416321	49.73	ng		89
52) 3-Nitroaniline	9.89	138	19651	7.79	ng	#	77
53) 2,4-Dinitrophenol	9.99	184	120242	97.88	ng	#	78
54) Dibenzofuran	10.13	168	616610	52.12	ng	#	90
55) 4-Nitrophenol	10.05	139	164480	90.29	ng	#	59
56) 2,4-Dinitrotoluene	10.11	165	160604	57.81	ng	#	85
57) Fluorene	10.47	166	484482	57.86	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.24	232	137293	54.99	ng		93
59) Diethylphthalate	10.34	149	478254	51.01	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	212232	49.00	ng	#	84
61) 4-Nitroaniline	10.50	138	106213	42.02	ng	#	64
62) Azobenzene	10.62	77	460041	50.28	ng		89
64) 4,6-Dinitro-2-methylphenol	10.53	198	76450	55.46	ng	#	58
65) n-Nitrosodiphenylamine	10.58	169	411033	46.36	ng		91
66) 4-Bromophenyl-phenylether	10.95	248	146233	49.49	ng		96
67) Hexachlorobenzene	11.02	284	157879	47.35	ng	#	77
68) Atrazine	11.11	200	113481	41.25	ng		84
69) Pentachlorophenol	11.21	266	183287	96.47	ng		99
70) Phenanthrene	11.43	178	713846	50.84	ng		96
71) Anthracene	11.49	178	816241	54.80	ng		97
72) Carbazole	11.65	167	701683	52.05	ng		97
73) Di-n-butylphthalate	11.97	149	733807	53.71	ng	#	98
74) Fluoranthene	12.62	202	769504	49.02	ng		91
76) Benzidine	12.77	184	17782	2.30	ng		97
77) Pyrene	12.85	202	814950	53.17	ng		96
79) Butylbenzylphthalate	13.46	149	322751	55.97	ng	#	82
80) Benzo(a)anthracene	14.04	228	722581	52.31	ng		95
81) 3,3'-Dichlorobenzidine	14.00	252	66979	14.36	ng	#	95
82) Chrysene	14.08	228	760018	Below Cal			94
83) Bis(2-ethylhexyl)phthalate	14.02	149	443296	61.28	ng	#	93
84) Di-n-octyl phthalate	14.64	149	683528	58.06	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.93	276	579525	53.63	ng	#	87
87) Benzo(b)fluoranthene	15.08	252	566684m	49.09	ng		
88) Benzo(k)fluoranthene	15.11	252	639680m	60.46	ng		
89) Benzo(a)pyrene	15.44	252	567443	56.67	ng	#	84
90) Dibenzo(a,h)anthracene	16.94	278	479077	57.03	ng	#	82
91) Benzo(g,h,i)perylene	17.36	276	484373	56.26	ng	#	76

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

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