Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081686.D
Acq On : 17 Sep 2015 19:30
Operator : UM/IZ
Sample : G3620-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14(0-0.16)MS

Quant Time: Sep 18 07:15:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46367	20.00	ng		-0.04
21) Naphthalene-d8	11.08	136	188567	20.00	ng		-0.04
38) Acenaphthene-d10	15.20	164	88136	20.00	ng		-0.06
63) Phenanthrene-d10	18.71	188	176446	20.00	ng		-0.04
75) Chrysene-d12	23.35	240	115485	20.00	ng		-0.03
86) Perylene-d12	24.79	264	80688	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	431555	144.41	ng		0.00
7) Phenol-d6	7.62	99	607590	153.59	ng		-0.02
23) Nitrobenzene-d5	9.49	82	401375	102.70	ng		-0.04
41) 2,4,6-Tribromophenol	17.12	330	121405	154.70	ng		-0.04
44) 2-Fluorobiphenyl	13.73	172	690110	100.34	ng		-0.04
78) Terphenyl-d14	22.08	244	585230	117.97	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	49307m	36.74	ng		
3) Pyridine	2.10	79	150702	40.72	ng	#	74
4) n-Nitrosodimethylamine	2.09	42	120617	58.66	ng	#	64
6) Aniline	7.49	93	183778	32.90	ng	#	85
8) 2-Chlorophenol	7.74	128	166288	50.50	ng		84
9) Benzaldehyde	7.20	77	84839	34.23	ng	#	72
10) Phenol	7.65	94	213552	46.55	ng	#	60
11) bis(2-Chloroethyl)ether	7.73	93	169144	51.10	ng	#	58
12) 1,3-Dichlorobenzene	8.04	146	166934	47.44	ng	#	91
13) 1,4-Dichlorobenzene	8.22	146	168529	47.04	ng	#	91
14) 1,2-Dichlorobenzene	8.54	146	161630	50.11	ng	#	92
15) Benzyl Alcohol	8.63	79	168455	51.91	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.94	45	353214	55.68	ng		93
17) 2-Methylphenol	8.97	107	136973	52.13	ng	#	80
18) Hexachloroethane	9.27	117	68643	49.25	ng	#	88
19) n-Nitroso-di-n-propylamine	9.26	70	139382	51.77	ng	#	88
20) 3+4-Methylphenols	9.35	107	178701	50.44	ng		87
22) Acetophenone	9.17	105	252213	48.97	ng	#	73
24) Nitrobenzene	9.53	77	209120	51.52	ng	#	66
25) Isophorone	10.13	82	358645	49.33	ng	#	85
26) 2-Nitrophenol	10.25	139	86622	48.97	ng	#	28
27) 2,4-Dimethylphenol	10.53	122	150397	49.22	ng	#	74
28) bis(2-Chloroethoxy)methane	10.72	93	212037	50.50	ng	#	93
29) 2,4-Dichlorophenol	10.86	162	132360	49.96	ng		86
30) 1,2,4-Trichlorobenzene	10.98	180	142187	49.40	ng		96
31) Naphthalene	11.13	128	493578	49.08	ng		99
32) Benzoic acid	10.98	122	4978m	4.70	ng		
33) 4-Chloroaniline	11.36	127	109903	26.79	ng	#	82
34) Hexachlorobutadiene	11.48	225	90450	51.64	ng		97
35) Caprolactam	12.31	113	39228m	48.27	ng		
36) 4-Chloro-3-methylphenol	12.70	107	164961	55.62	ng	#	75
37) 2-Methylnaphthalene	12.78	142	332147	50.75	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	142511	51.13	ng		98
40) Hexachlorocyclopentadiene	13.17	237	120938	88.41	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	95044	49.41	ng		99
43) 2,4,5-Trichlorophenol	13.64	196	99455	50.68	ng	#	86
45) 1,1'-Biphenyl	13.92	154	395006	48.71	ng		96
46) 2-Chloronaphthalene	13.91	162	291726	49.82	ng	#	86
47) 2-Nitroaniline	14.27	65	127419	53.39	ng	#	62
48) Acenaphthylene	14.86	152	498227	47.96	ng		97
49) Dimethylphthalate	14.81	163	504995	73.75	ng	#	96
50) 2,6-Dinitrotoluene	14.91	165	73521	47.31	ng	#	29
51) Acenaphthene	15.29	154	288145	48.76	ng		90
52) 3-Nitroaniline	15.26	138	64594	36.51	ng	#	44
53) 2,4-Dinitrophenol	15.56	184	33142	44.99	ng	#	33
54) Dibenzofuran	15.72	168	448348	51.96	ng	#	86
55) 4-Nitrophenol	15.89	139	103773	93.36	ng	#	8
56) 2,4-Dinitrotoluene	15.85	165	102478	51.78	ng	#	52
57) Fluorene	16.53	166	352084	53.76	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	80052m	53.43	ng		
59) Diethylphthalate	16.51	149	392108	54.44	ng		96
60) 4-Chlorophenyl-phenylether	16.62	204	163421	53.54	ng	#	89
61) 4-Nitroaniline	16.73	138	73581	41.16	ng	#	19
62) Azobenzene	16.99	77	430792	53.79	ng		83
64) 4,6-Dinitro-2-methylphenol	16.83	198	44217	44.80	ng		83
65) n-Nitrosodiphenylamine	16.94	169	302960	47.19	ng		94
66) 4-Bromophenyl-phenylether	17.76	248	91459	51.26	ng		93
67) Hexachlorobenzene	17.81	284	91940	49.29	ng	#	87
68) Atrazine	18.35	200	95038	51.15	ng	#	77
69) Pentachlorophenol	18.36	266	76959	84.23	ng		97
70) Phenanthrene	18.77	178	497690	50.74	ng		97
71) Anthracene	18.89	178	477063	47.34	ng		98
72) Carbazole	19.37	167	448088	47.38	ng		97
73) Di-n-butylphthalate	20.41	149	575657	51.55	ng	#	98
74) Fluoranthene	21.40	202	533108	50.20	ng		88
76) Benzidine	21.71	184	118973	24.00	ng		98
77) Pyrene	21.74	202	523883	61.24	ng		98
79) Butylbenzylphthalate	22.77	149	217964	58.59	ng	#	68
80) Benzo(a)anthracene	23.34	228	367447	49.96	ng		95
81) 3,3'-Dichlorobenzidine	23.35	252	87375	35.22	ng	#	92
82) Chrysene	23.39	228	340870	51.70	ng		95
83) Bis(2-ethylhexyl)phthalate	23.47	149	290116	59.09	ng	#	91
84) Di-n-octyl phthalate	24.13	149	404489	50.03	ng		96
85) Indeno(1,2,3-cd)pyrene	25.83	276	280339	57.96	ng	#	83
87) Benzo(b)fluoranthene	24.45	252	290105m	50.36	ng		
88) Benzo(k)fluoranthene	24.47	252	243997m	51.05	ng		
89) Benzo(a)pyrene	24.75	252	271915	55.70	ng	#	82
90) Dibenzo(a,h)anthracene	25.84	278	219125	58.09	ng	#	73
91) Benzo(g,h,i)perylene	26.13	276	230496	64.03	ng	#	73

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

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