Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081652.D
Acq On : 16 Sep 2015 16:47
Operator : UM/IZ
Sample : G3647-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S12MS

Quant Time: Sep 17 05:22:21 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	8.18	152	46846	20.00	ng		-0.03
21) Naphthalene-d8	11.09	136	186888	20.00	ng		-0.03
38) Acenaphthene-d10	15.22	164	90587	20.00	ng		-0.03
63) Phenanthrene-d10	18.72	188	185437	20.00	ng		-0.03
75) Chrysene-d12	23.36	240	148579	20.00	ng		-0.02
86) Perylene-d12	24.79	264	107122	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	410312	135.89	ng		0.01
7) Phenol-d6	7.62	99	585208	146.42	ng		-0.02
23) Nitrobenzene-d5	9.50	82	378274	97.65	ng		-0.03
41) 2,4,6-Tribromophenol	17.13	330	125399	155.47	ng		-0.03
44) 2-Fluorobiphenyl	13.74	172	639737	90.50	ng		-0.03
78) Terphenyl-d14	22.09	244	639225	100.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	46058m	33.96	ng		
3) Pyridine	2.11	79	120558	32.24	ng	#	84
4) n-Nitrosodimethylamine	2.08	42	103592	49.87	ng	#	59
6) Aniline	7.50	93	149366	26.47	ng	#	84
8) 2-Chlorophenol	7.74	128	151326	45.48	ng	#	76
9) Benzaldehyde	7.21	77	66204	26.44	ng	#	76
10) Phenol	7.65	94	195396	42.16	ng	#	51
11) bis(2-Chloroethyl)ether	7.73	93	157681	47.15	ng	#	73
12) 1,3-Dichlorobenzene	8.05	146	150496	42.33	ng	#	90
13) 1,4-Dichlorobenzene	8.23	146	153008	42.27	ng	#	90
14) 1,2-Dichlorobenzene	8.55	146	148077	45.44	ng	#	90
15) Benzyl Alcohol	8.64	79	157269	47.97	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	8.95	45	329486	51.40	ng		91
17) 2-Methylphenol	8.97	107	125402	47.24	ng	#	78
18) Hexachloroethane	9.28	117	62028	44.05	ng		91
19) n-Nitroso-di-n-propylamine	9.27	70	129903	47.76	ng	#	89
20) 3+4-Methylphenols	9.35	107	166932	46.64	ng		86
22) Acetophenone	9.18	105	232101	45.47	ng	#	73
24) Nitrobenzene	9.53	77	189667	47.15	ng	#	62
25) Isophorone	10.13	82	334885	46.48	ng	#	83
26) 2-Nitrophenol	10.26	139	80413	45.86	ng	#	30
27) 2,4-Dimethylphenol	10.54	122	133592	44.12	ng	#	75
28) bis(2-Chloroethoxy)methane	10.73	93	196817	47.29	ng	#	93
29) 2,4-Dichlorophenol	10.88	162	126383	48.13	ng		94
30) 1,2,4-Trichlorobenzene	11.00	180	130606	45.78	ng		98
31) Naphthalene	11.14	128	450463	45.20	ng		99
32) Benzoic acid	10.93	122	12640m	8.08	ng		
33) 4-Chloroaniline	11.37	127	59861	14.72	ng	#	80
34) Hexachlorobutadiene	11.50	225	82018	47.24	ng		99
35) Caprolactam	12.30	113	39867m	49.50	ng		
36) 4-Chloro-3-methylphenol	12.71	107	155063	52.76	ng	#	75
37) 2-Methylnaphthalene	12.79	142	302531	46.64	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	128646	44.91	ng		97
40) Hexachlorocyclopentadiene	13.18	237	131564	93.58	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	89151	45.09	ng		95
43) 2,4,5-Trichlorophenol	13.66	196	93990	46.60	ng	#	89
45) 1,1'-Biphenyl	13.94	154	370389	44.44	ng		96
46) 2-Chloronaphthalene	13.93	162	272382	45.26	ng	#	87
47) 2-Nitroaniline	14.28	65	120378	49.08	ng	#	61
48) Acenaphthylene	14.88	152	477210	44.69	ng		97
49) Dimethylphthalate	14.82	163	455414	64.71	ng	#	97
50) 2,6-Dinitrotoluene	14.92	165	69340	43.41	ng	#	27
51) Acenaphthene	15.30	154	266230	43.83	ng		88
52) 3-Nitroaniline	15.27	138	49809	27.39	ng	#	45
53) 2,4-Dinitrophenol	15.57	184	42106	54.02	ng	#	31
54) Dibenzofuran	15.73	168	417767	47.10	ng	#	84
55) 4-Nitrophenol	15.90	139	104759	91.69	ng	#	3
56) 2,4-Dinitrotoluene	15.86	165	97819	48.09	ng	#	48
57) Fluorene	16.54	166	332821	49.45	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	78416	50.92	ng		91
59) Diethylphthalate	16.52	149	371926	50.24	ng		95
60) 4-Chlorophenyl-phenylether	16.63	204	157213	50.12	ng	#	83
61) 4-Nitroaniline	16.76	138	73103	39.79	ng	#	27
62) Azobenzene	17.01	77	414621	50.37	ng		85
64) 4,6-Dinitro-2-methylphenol	16.84	198	48768	47.02	ng	#	79
65) n-Nitrosodiphenylamine	16.96	169	290739	43.09	ng		93
66) 4-Bromophenyl-phenylether	17.77	248	87601	46.72	ng	#	91
67) Hexachlorobenzene	17.83	284	89594	45.70	ng	#	90
68) Atrazine	18.37	200	104352	53.44	ng	#	75
69) Pentachlorophenol	18.37	266	83262	86.45	ng		99
70) Phenanthrene	18.79	178	467130	45.31	ng		97
71) Anthracene	18.92	178	472481	44.61	ng		98
72) Carbazole	19.38	167	446619	44.94	ng		95
73) Di-n-butylphthalate	20.44	149	579964	49.42	ng	#	97
74) Fluoranthene	21.41	202	515551	46.20	ng		88
76) Benzidine	21.72	184	169076	26.51	ng		98
77) Pyrene	21.75	202	523925	47.60	ng		98
79) Butylbenzylphthalate	22.78	149	231748	48.42	ng	#	69
80) Benzo(a)anthracene	23.35	228	433529	45.82	ng		98
81) 3,3'-Dichlorobenzidine	23.36	252	81474	25.53	ng	#	93
82) Chrysene	23.40	228	398746	47.01	ng		95
83) Bis(2-ethylhexyl)phthalate	23.48	149	342999	54.30	ng	#	91
84) Di-n-octyl phthalate	24.13	149	533540	51.30	ng		96
85) Indeno(1,2,3-cd)pyrene	25.84	276	278902	44.82	ng	#	84
87) Benzo(b)fluoranthene	24.46	252	360848m	47.18	ng		
88) Benzo(k)fluoranthene	24.48	252	304702m	48.02	ng		
89) Benzo(a)pyrene	24.76	252	334620	51.63	ng	#	80
90) Dibenzo(a,h)anthracene	25.85	278	235561	47.04	ng	#	76
91) Benzo(g,h,i)perylene	26.14	276	215215	45.03	ng	#	75

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

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