Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082128.D
Acq On : 8 Oct 2015 15:33
Operator : UM/IZ
Sample : G3920-03MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC100515MSD

Quant Time: Oct 09 08:09:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 05:03:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85043	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	334335	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	173882	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	335779	20.00	ng		0.00
75) Chrysene-d12	14.04	240	313002	20.00	ng		-0.01
86) Perylene-d12	15.48	264	249780	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	588720	125.67	ng		0.02
7) Phenol-d6	6.50	99	700479	118.83	ng		0.01
23) Nitrobenzene-d5	7.44	82	525229	104.72	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	224923	127.72	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1035476	104.16	ng		0.00
78) Terphenyl-d14	12.98	244	1138160	143.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	78205	38.39	ng	#	74
3) Pyridine	3.33	79	114539m	21.59	ng		
4) n-Nitrosodimethylamine	3.26	42	84733	35.17	ng		96
6) Aniline	6.54	93	55775	7.04	ng	#	78
8) 2-Chlorophenol	6.65	128	238293	46.06	ng		98
9) Benzaldehyde	6.41	77	39799	10.31	ng	#	80
10) Phenol	6.51	94	271475	41.05	ng		74
11) bis(2-Chloroethyl)ether	6.61	93	249654	48.68	ng		94
12) 1,3-Dichlorobenzene	6.80	146	260021m	42.55	ng		
13) 1,4-Dichlorobenzene	6.88	146	279710m	43.84	ng		
14) 1,2-Dichlorobenzene	7.04	146	251708	44.27	ng		99
15) Benzyl Alcohol	7.01	79	177980	41.83	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	334051	46.08	ng		81
17) 2-Methylphenol	7.12	107	183252	43.69	ng	#	84
18) Hexachloroethane	7.37	117	94668	47.39	ng	#	86
19) n-Nitroso-di-n-propylamine	7.28	70	156115	43.57	ng	#	77
20) 3+4-Methylphenols	7.28	107	224431	42.36	ng	#	54
22) Acetophenone	7.28	105	329769	48.24	ng	#	79
24) Nitrobenzene	7.45	77	236529	43.43	ng	#	68
25) Isophorone	7.69	82	468477	47.13	ng	#	92
26) 2-Nitrophenol	7.77	139	136447	52.19	ng	#	80
27) 2,4-Dimethylphenol	7.81	122	212623	46.23	ng	#	79
28) bis(2-Chloroethoxy)methane	7.91	93	281337	47.66	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	231735	51.97	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	229350	46.07	ng		98
31) Naphthalene	8.17	128	680246	45.92	ng		97
32) Benzoic acid	7.93	122	118716	43.90	ng	#	69
33) 4-Chloroaniline	8.24	127	21202	3.31	ng	#	90
34) Hexachlorobutadiene	8.29	225	145810	49.52	ng		98
35) Caprolactam	8.59	113	47396m	38.39	ng		
36) 4-Chloro-3-methylphenol	8.71	107	209643	48.08	ng		84
37) 2-Methylnaphthalene	8.87	142	502897	49.73	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	233399	43.72	ng		99
40) Hexachlorocyclopentadiene	9.02	237	247714	90.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	155149	42.39	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	177117	47.06	ng		97
45) 1,1'-Biphenyl	9.33	154	574818	42.85	ng		94
46) 2-Chloronaphthalene	9.36	162	475829	45.18	ng		98
47) 2-Nitroaniline	9.45	65	124984	40.42	ng	#	70
48) Acenaphthylene	9.77	152	755189	44.80	ng		96
49) Dimethylphthalate	9.63	163	567038	47.24	ng	#	98
50) 2,6-Dinitrotoluene	9.70	165	129024	49.51	ng		93
51) Acenaphthene	9.94	154	450834	45.03	ng		90
52) 3-Nitroaniline	9.87	138	25524	8.47	ng	#	75
53) 2,4-Dinitrophenol	9.98	184	129216	92.05	ng	#	73
54) Dibenzofuran	10.11	168	645234	45.61	ng	#	88
55) 4-Nitrophenol	10.03	139	159812	73.37	ng	#	54
56) 2,4-Dinitrotoluene	10.10	165	164607	49.55	ng	#	83
57) Fluorene	10.46	166	513666	51.05	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.23	232	141396	47.36	ng		96
59) Diethylphthalate	10.33	149	526950	47.00	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	231577	44.71	ng	#	81
61) 4-Nitroaniline	10.49	138	112536	37.23	ng	#	66
62) Azobenzene	10.61	77	508863	46.51	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	83026	53.14	ng	#	60
65) n-Nitrosodiphenylamine	10.57	169	443092	43.61	ng		91
66) 4-Bromophenyl-phenylether	10.94	248	160736	47.48	ng		95
67) Hexachlorobenzene	11.01	284	170067	44.51	ng	#	75
68) Atrazine	11.10	200	114319	36.27	ng		84
69) Pentachlorophenol	11.20	266	197341	90.64	ng		98
70) Phenanthrene	11.42	178	752868	46.65	ng		96
71) Anthracene	11.47	178	847492	49.66	ng		98
72) Carbazole	11.62	167	675045	43.70	ng		94
73) Di-n-butylphthalate	11.96	149	880973	56.34	ng	#	98
74) Fluoranthene	12.61	202	837304	46.55	ng		90
76) Benzidine	12.74	184	28615	3.03	ng	#	96
77) Pyrene	12.84	202	828877	44.33	ng		95
79) Butylbenzylphthalate	13.45	149	366642	52.11	ng	#	87
80) Benzo(a)anthracene	14.02	228	764092	45.33	ng		95
81) 3,3'-Dichlorobenzidine	13.99	252	66354	11.66	ng	#	94
82) Chrysene	14.06	228	742648	Below Cal			93
83) Bis(2-ethylhexyl)phthalate	14.01	149	549998	62.31	ng	#	94
84) Di-n-octyl phthalate	14.63	149	895061	62.31	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.90	276	617489	46.83	ng	#	87
87) Benzo(b)fluoranthene	15.06	252	694759	48.72	ng	#	86
88) Benzo(k)fluoranthene	15.10	252	690525m	52.83	ng		
89) Benzo(a)pyrene	15.42	252	629295	50.87	ng	#	87
90) Dibenzo(a,h)anthracene	16.92	278	518665	49.97	ng	#	82
91) Benzo(g,h,i)perylene	17.34	276	504160	47.40	ng	#	74

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

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