Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082127.D
Acq On : 8 Oct 2015 15:02
Operator : UM/IZ
Sample : G3920-03MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC100515MS

Quant Time: Oct 09 07:55:30 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	85150	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	338215	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	173736	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	334063	20.00	ng		0.00
75) Chrysene-d12	14.04	240	311794	20.00	ng		-0.01
86) Perylene-d12	15.48	264	265300	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	616225	131.37	ng		0.02
7) Phenol-d6	6.50	99	716842	121.45	ng		0.01
23) Nitrobenzene-d5	7.44	82	509229	100.37	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	230368	130.93	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1067070	108.53	ng		0.00
78) Terphenyl-d14	12.98	244	1085165	131.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	77119	37.81	ng	#	74
3) Pyridine	3.31	79	126191m	23.76	ng		
4) n-Nitrosodimethylamine	3.25	42	87560	36.30	ng		96
6) Aniline	6.54	93	54076	6.82	ng	#	75
8) 2-Chlorophenol	6.65	128	232236	44.83	ng		98
9) Benzaldehyde	6.41	77	41415	10.71	ng	#	78
10) Phenol	6.51	94	279093	42.15	ng		72
11) bis(2-Chloroethyl)ether	6.61	93	251102	48.90	ng		95
12) 1,3-Dichlorobenzene	6.80	146	261847m	42.80	ng		
13) 1,4-Dichlorobenzene	6.88	146	282362m	44.20	ng		
14) 1,2-Dichlorobenzene	7.04	146	246103	43.23	ng		98
15) Benzyl Alcohol	7.01	79	171871	40.34	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	326928	45.04	ng		81
17) 2-Methylphenol	7.12	107	186331	44.37	ng	#	85
18) Hexachloroethane	7.37	117	92061	46.03	ng	#	85
19) n-Nitroso-di-n-propylamine	7.28	70	155957	43.47	ng	#	77
20) 3+4-Methylphenols	7.28	107	225676	42.54	ng	#	53
22) Acetophenone	7.28	105	323244	46.74	ng	#	80
24) Nitrobenzene	7.45	77	236623	42.95	ng	#	67
25) Isophorone	7.69	82	464961	46.24	ng	#	92
26) 2-Nitrophenol	7.77	139	132389	50.06	ng	#	82
27) 2,4-Dimethylphenol	7.81	122	216015	46.43	ng	#	80
28) bis(2-Chloroethoxy)methane	7.91	93	275153	46.07	ng	#	94
29) 2,4-Dichlorophenol	8.01	162	225867	50.07	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	227266	45.13	ng		98
31) Naphthalene	8.17	128	677990	45.24	ng		97
32) Benzoic acid	7.93	122	123906	45.06	ng	#	71
33) 4-Chloroaniline	8.24	127	22271	3.44	ng	#	91
34) Hexachlorobutadiene	8.29	225	140951	47.32	ng		99
35) Caprolactam	8.59	113	52612m	42.13	ng		
36) 4-Chloro-3-methylphenol	8.71	107	215550	48.87	ng	#	83
37) 2-Methylnaphthalene	8.87	142	492847	48.18	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	229630	43.05	ng		99
40) Hexachlorocyclopentadiene	9.02	237	246277	89.66	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	153227	41.90	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	178321	47.42	ng		98
45) 1,1'-Biphenyl	9.33	154	579798	43.26	ng		94
46) 2-Chloronaphthalene	9.36	162	478372	45.45	ng		98
47) 2-Nitroaniline	9.45	65	126481	40.94	ng	#	68
48) Acenaphthylene	9.77	152	748608	44.44	ng		96
49) Dimethylphthalate	9.63	163	547726	45.67	ng	#	98
50) 2,6-Dinitrotoluene	9.70	165	130000	49.93	ng		94
51) Acenaphthene	9.94	154	450244	45.01	ng		89
52) 3-Nitroaniline	9.87	138	28841	9.57	ng	#	79
53) 2,4-Dinitrophenol	9.98	184	129497	92.21	ng	#	67
54) Dibenzofuran	10.11	168	646335	45.72	ng	#	87
55) 4-Nitrophenol	10.03	139	161096	74.02	ng	#	55
56) 2,4-Dinitrotoluene	10.10	165	158495	47.75	ng	#	76
57) Fluorene	10.46	166	511410	50.86	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.23	232	143474	48.10	ng		96
59) Diethylphthalate	10.33	149	524346	46.81	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	233258	45.07	ng	#	81
61) 4-Nitroaniline	10.49	138	106143	35.14	ng	#	62
62) Azobenzene	10.61	77	503631	46.07	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	86417	55.09	ng	#	63
65) n-Nitrosodiphenylamine	10.57	169	430105	42.55	ng		92
66) 4-Bromophenyl-phenylether	10.94	248	158434	47.04	ng		91
67) Hexachlorobenzene	11.01	284	170209	44.78	ng	#	78
68) Atrazine	11.10	200	102534	32.69	ng		83
69) Pentachlorophenol	11.20	266	198117	91.47	ng		99
70) Phenanthrene	11.42	178	751466	46.81	ng		96
71) Anthracene	11.47	178	853431	50.26	ng		97
72) Carbazole	11.63	167	669924	43.59	ng		97
73) Di-n-butylphthalate	11.96	149	831241	53.36	ng	#	98
74) Fluoranthene	12.61	202	808787	45.19	ng		91
76) Benzidine	12.74	184	67196	7.15	ng		98
77) Pyrene	12.84	202	818145	43.92	ng		96
79) Butylbenzylphthalate	13.45	149	375307	53.55	ng	#	86
80) Benzo(a)anthracene	14.02	228	745880	44.42	ng		96
81) 3,3'-Dichlorobenzidine	13.99	252	46205	8.15	ng	#	94
82) Chrysene	14.07	228	776968	Below Cal			94
83) Bis(2-ethylhexyl)phthalate	14.01	149	536739	61.05	ng	#	93
84) Di-n-octyl phthalate	14.63	149	931613	65.11	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.90	276	648965	49.41	ng	#	87
87) Benzo(b)fluoranthene	15.06	252	677829	44.75	ng	#	86
88) Benzo(k)fluoranthene	15.10	252	749842m	54.01	ng		
89) Benzo(a)pyrene	15.42	252	658520	50.12	ng	#	87
90) Dibenzo(a,h)anthracene	16.93	278	546874	49.61	ng	#	79
91) Benzo(g,h,i)perylene	17.34	276	531059	47.01	ng	#	77

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

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