Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078942.D
Acq On : 5 May 2015 16:01
Operator : TP/IZ
Sample : G2032-08MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4(5-7)MS

Quant Time: May 06 01:52:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 00:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	70949	20.00	ng		0.00
21) Naphthalene-d8	8.94	136	294284	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	144583	20.00	ng		0.00
63) Phenanthrene-d10	12.96	188	283300	20.00	ng		0.00
75) Chrysene-d12	16.26	240	295485	20.00	ng		-0.01
86) Perylene-d12	18.08	264	306197	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	414588	100.59	ng		0.01
7) Phenol-d6	6.90	99	527683	96.86	ng		0.00
23) Nitrobenzene-d5	8.04	82	308225	60.19	ng		0.00
41) 2,4,6-Tribromophenol	12.09	330	165835	106.02	ng		0.00
44) 2-Fluorobiphenyl	10.27	172	635426	61.23	ng		-0.01
78) Terphenyl-d14	14.95	244	812678	65.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	50398	28.12	ng	#	33
3) Pyridine	3.11	79	113236	21.59	ng		99
4) n-Nitrosodimethylamine	3.00	42	73936m	32.90	ng		
6) Aniline	6.95	93	111178	14.46	ng		99
8) 2-Chlorophenol	7.08	128	157387	33.67	ng		98
9) Benzaldehyde	6.81	77	11927	3.25	ng		98
10) Phenol	6.92	94	196449	31.08	ng		90
11) bis(2-Chloroethyl)ether	7.04	93	146595	31.64	ng		97
12) 1,3-Dichlorobenzene	7.28	146	163502	31.12	ng		97
13) 1,4-Dichlorobenzene	7.38	146	161206	29.81	ng		98
14) 1,2-Dichlorobenzene	7.56	146	156578	31.10	ng		98
15) Benzyl Alcohol	7.53	79	122943	30.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.71	45	226662	31.98	ng		99
17) 2-Methylphenol	7.67	107	122677	32.61	ng		95
18) Hexachloroethane	7.98	117	54885	29.47	ng	#	79
19) n-Nitroso-di-n-propylamine	7.86	70	113249	30.78	ng		95
20) 3+4-Methylphenols	7.86	107	164660	32.85	ng		91
22) Acetophenone	7.86	105	228071	34.30	ng		99
24) Nitrobenzene	8.07	77	163753	32.26	ng		96
25) Isophorone	8.36	82	295523	31.13	ng		98
26) 2-Nitrophenol	8.47	139	64802	30.85	ng		95
27) 2,4-Dimethylphenol	8.51	122	135455	32.22	ng		97
28) bis(2-Chloroethoxy)methane	8.64	93	183088	31.29	ng	#	96
29) 2,4-Dichlorophenol	8.75	162	130194	34.83	ng		97
30) 1,2,4-Trichlorobenzene	8.87	180	129017	31.42	ng		99
31) Naphthalene	8.96	128	459236	32.75	ng		100
32) Benzoic acid	8.58	122	22579	13.76	ng		92
33) 4-Chloroaniline	9.03	127	103811	17.50	ng		98
34) Hexachlorobutadiene	9.12	225	70306	29.73	ng		99
35) Caprolactam	9.44	113	38810	32.11	ng		90
36) 4-Chloro-3-methylphenol	9.63	107	129030	32.86	ng	#	81
37) 2-Methylnaphthalene	9.82	142	315734	32.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	128283	31.50	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	108980	53.22	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	83856	29.95	ng		96
43) 2,4,5-Trichlorophenol	10.20	196	93420	33.01	ng	#	93
45) 1,1'-Biphenyl	10.40	154	368584	32.07	ng		99
46) 2-Chloronaphthalene	10.42	162	288433	32.17	ng		98
47) 2-Nitroaniline	10.55	65	84542	32.54	ng		93
48) Acenaphthylene	10.94	152	469065	31.86	ng		99
49) Dimethylphthalate	10.79	163	384561	36.24	ng		99
50) 2,6-Dinitrotoluene	10.86	165	68118	32.53	ng		87
51) Acenaphthene	11.15	154	270494	30.81	ng		100
52) 3-Nitroaniline	11.06	138	63778	24.38	ng	#	94
53) 2,4-Dinitrophenol	11.19	184	31751	48.97	ng		95
54) Dibenzofuran	11.37	168	410765	32.39	ng		94
55) 4-Nitrophenol	11.26	139	125619	60.67	ng	#	73
56) 2,4-Dinitrotoluene	11.35	165	86530	31.26	ng		94
57) Fluorene	11.79	166	342217	32.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	70976	30.69	ng	#	100
59) Diethylphthalate	11.67	149	332214	31.60	ng		99
60) 4-Chlorophenyl-phenylether	11.79	204	146580	31.75	ng	#	82
61) 4-Nitroaniline	11.82	138	81683	31.21	ng		88
62) Azobenzene	11.99	77	337984	32.63	ng		91
64) 4,6-Dinitro-2-methylphenol	11.85	198	30336	30.32	ng		88
65) n-Nitrosodiphenylamine	11.94	169	282411	29.93	ng		99
66) 4-Bromophenyl-phenylether	12.41	248	91108	30.85	ng	#	89
67) Hexachlorobenzene	12.47	284	103889	30.78	ng	#	84
68) Atrazine	12.62	200	91549	33.37	ng		98
69) Pentachlorophenol	12.71	266	101566	53.88	ng		95
70) Phenanthrene	12.98	178	488174	30.80	ng		100
71) Anthracene	13.05	178	492919	31.70	ng		99
72) Carbazole	13.26	167	490659	33.11	ng		98
73) Di-n-butylphthalate	13.70	149	573371	32.26	ng	#	98
74) Fluoranthene	14.47	202	542175	32.83	ng		93
76) Benzidine	14.64	184	134964	16.95	ng		98
77) Pyrene	14.74	202	555933	32.65	ng		99
79) Butylbenzylphthalate	15.57	149	244159	32.80	ng		94
80) Benzo(a)anthracene	16.25	228	526768	32.55	ng		99
81) 3,3'-Dichlorobenzidine	16.23	252	158579	27.51	ng	#	99
82) Chrysene	16.30	228	498219	32.01	ng		100
83) Bis(2-ethylhexyl)phthalate	16.31	149	376491	33.40	ng		99
84) Di-n-octyl phthalate	17.13	149	621398	31.30	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.59	276	652575	32.91	ng	#	100
87) Benzo(b)fluoranthene	17.61	252	542685	32.38	ng	#	96
88) Benzo(k)fluoranthene	17.65	252	516717	31.85	ng	#	94
89) Benzo(a)pyrene	18.01	252	516057	33.44	ng	#	97
90) Dibenzo(a,h)anthracene	19.62	278	516235	31.48	ng		99
91) Benzo(g,h,i)perylene	20.03	276	532906	32.42	ng		97

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

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