Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078148.D
Acq On : 1 Apr 2015 9:18
Operator : TP/IZ
Sample : G1711-02MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(1-2)MS

Quant Time: Apr 01 13:02:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:58:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44699	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	187677	20.00	ng		0.00
38) Acenaphthene-d10	10.78	164	90166	20.00	ng		-0.01
63) Phenanthrene-d10	12.62	188	172589	20.00	ng		0.00
75) Chrysene-d12	15.92	240	163379m	20.00	ng		-0.07
86) Perylene-d12	17.71	264	158333	20.00	ng		-0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	223628	87.33	ng		0.00
7) Phenol-d6	6.64	99	353744	111.81	ng		0.00
23) Nitrobenzene-d5	7.74	82	216215	75.52	ng		0.00
41) 2,4,6-Tribromophenol	11.77	330	36828	42.69	ng		-0.01
44) 2-Fluorobiphenyl	9.97	172	473644	77.20	ng		0.00
78) Terphenyl-d14	14.61	244	457382m	68.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	31546	27.13	ng	#	100
3) Pyridine	2.56	79	101860	32.61	ng		95
4) n-Nitrosodimethylamine	2.50	42	37409	27.50	ng		99
6) Aniline	6.64	93	42567	9.41	ng	#	19
8) 2-Chlorophenol	6.78	128	106933	35.08	ng		92
9) Benzaldehyde	6.49	77	3744	2.89	ng		93
10) Phenol	6.66	94	141911	37.94	ng	#	67
11) bis(2-Chloroethyl)ether	6.74	93	105069	37.51	ng		91
12) 1,3-Dichlorobenzene	6.97	146	121742	35.91	ng		99
13) 1,4-Dichlorobenzene	7.07	146	117476	33.35	ng		99
14) 1,2-Dichlorobenzene	7.25	146	111272	34.45	ng		99
15) Benzyl Alcohol	7.24	79	91346	36.99	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.41	45	141593	37.51	ng		98
17) 2-Methylphenol	7.40	107	88580	35.70	ng		94
18) Hexachloroethane	7.66	117	42211	36.54	ng		95
19) n-Nitroso-di-n-propylamine	7.57	70	81555	37.26	ng		94
20) 3+4-Methylphenols	7.60	107	119708	36.76	ng		99
22) Acetophenone	7.56	105	156155	37.58	ng	#	91
24) Nitrobenzene	7.77	77	114806	37.22	ng	#	86
25) Isophorone	8.06	82	206570	35.73	ng		95
26) 2-Nitrophenol	8.16	139	41208	27.29	ng	#	84
27) 2,4-Dimethylphenol	8.24	122	99208	36.06	ng		96
28) bis(2-Chloroethoxy)methane	8.35	93	129407	36.87	ng		99
29) 2,4-Dichlorophenol	8.46	162	84060	32.06	ng		98
30) 1,2,4-Trichlorobenzene	8.56	180	100162	34.14	ng		99
31) Naphthalene	8.65	128	336362	34.90	ng		100
33) 4-Chloroaniline	8.74	127	43703	11.17	ng		97
34) Hexachlorobutadiene	8.81	225	56280	33.84	ng		98
35) Caprolactam	9.14	113	29153	38.04	ng		92
36) 4-Chloro-3-methylphenol	9.36	107	94801	35.93	ng		96
37) 2-Methylnaphthalene	9.50	142	231364	35.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	95931	35.67	ng	#	100
40) Hexachlorocyclopentadiene	9.70	237	54731	42.21	ng		99
42) 2,4,6-Trichlorophenol	9.87	196	22236	11.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.92	196	47715	23.71	ng	#	91
45) 1,1'-Biphenyl	10.09	154	269958	37.45	ng		96
46) 2-Chloronaphthalene	10.11	162	204974	34.99	ng		98
47) 2-Nitroaniline	10.25	65	57999	39.87	ng		89
48) Acenaphthylene	10.61	152	329678	33.85	ng		99
49) Dimethylphthalate	10.49	163	285663	42.72	ng		99
50) 2,6-Dinitrotoluene	10.56	165	53214	38.39	ng		89
51) Acenaphthene	10.83	154	190544	34.12	ng		98
52) 3-Nitroaniline	10.75	138	38137	23.69	ng	#	68
54) Dibenzofuran	11.05	168	297686	35.94	ng		99
55) 4-Nitrophenol	11.00	139	11128m	9.33	ng		
56) 2,4-Dinitrotoluene	11.05	165	68665	37.99	ng	#	83
57) Fluorene	11.47	166	244087	35.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.21	232	9477	6.12	ng	#	100
59) Diethylphthalate	11.36	149	241985	37.14	ng		97
60) 4-Chlorophenyl-phenylether	11.48	204	111224	35.43	ng		97
61) 4-Nitroaniline	11.50	138	51925	32.36	ng		80
62) Azobenzene	11.68	77	259227	41.63	ng		99
64) 4,6-Dinitro-2-methylphenol	11.55	198	505	4.86	ng	#	39
65) n-Nitrosodiphenylamine	11.63	169	209823	36.51	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	66409	36.06	ng		98
67) Hexachlorobenzene	12.13	284	65907	32.57	ng	#	68
68) Atrazine	12.30	200	61352	38.09	ng		93
69) Pentachlorophenol	12.40	266	5451	8.03	ng		98
70) Phenanthrene	12.65	178	338638	34.18	ng		99
71) Anthracene	12.72	178	336761	34.40	ng		100
72) Carbazole	12.93	167	322666	34.65	ng		98
73) Di-n-butylphthalate	13.39	149	407667	39.05	ng		98
74) Fluoranthene	14.12	202	365442	33.44	ng		96
76) Benzidine	14.32	184	92262m	22.62	ng		
77) Pyrene	14.40	202	372026m	36.21	ng		
79) Butylbenzylphthalate	15.24	149	161259	39.81	ng	#	86
80) Benzo(a)anthracene	15.91	228	340561	35.16	ng		100
81) 3,3'-Dichlorobenzidine	15.89	252	86355	27.03	ng		99
82) Chrysene	15.95	228	318609m	36.59	ng		
83) Bis(2-ethylhexyl)phthalate	15.99	149	250413	40.81	ng	#	98
84) Di-n-octyl phthalate	16.81	149	427735m	40.77	ng		
85) Indeno(1,2,3-cd)pyrene	19.06	276	371074	34.14	ng	#	100
87) Benzo(b)fluoranthene	17.24	252	344030	33.28	ng		99
88) Benzo(k)fluoranthene	17.28	252	305216m	37.80	ng		
89) Benzo(a)pyrene	17.64	252	311424	36.11	ng	#	96
90) Dibenzo(a,h)anthracene	19.09	278	284076	33.21	ng		98
91) Benzo(g,h,i)perylene	19.46	276	295267	33.91	ng		98

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

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