Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079359.D
Acq On : 20 May 2015 1:36
Operator : TP/IZ
Sample : G2270-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20MSD

Quant Time: May 20 06:07:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41693	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	174499	20.00	ng		0.00
38) Acenaphthene-d10	10.87	164	88225	20.00	ng		-0.01
63) Phenanthrene-d10	12.71	188	170386	20.00	ng		-0.01
75) Chrysene-d12	16.00	240	176754	20.00	ng		-0.02
86) Perylene-d12	17.69	264	188045	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	356473m	147.18	ng		0.00
7) Phenol-d6	6.70	99	458965	143.36	ng		-0.01
23) Nitrobenzene-d5	7.83	82	269215	88.67	ng		0.00
41) 2,4,6-Tribromophenol	11.85	330	130212	136.43	ng		-0.01
44) 2-Fluorobiphenyl	10.06	172	500757	79.08	ng		0.00
78) Terphenyl-d14	14.71	244	560278	75.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	41171m	39.09	ng		
3) Pyridine	2.72	79	58386m	18.94	ng		
4) n-Nitrosodimethylamine	2.62	42	46138m	34.94	ng		
6) Aniline	6.72	93	98395	21.77	ng	#	2
8) 2-Chlorophenol	6.86	128	123282	44.88	ng		93
9) Benzaldehyde	6.57	77	39098m	18.13	ng		
10) Phenol	6.72	94	160996	43.35	ng		80
11) bis(2-Chloroethyl)ether	6.82	93	117065	43.00	ng		94
12) 1,3-Dichlorobenzene	7.05	146	127276	41.22	ng		97
13) 1,4-Dichlorobenzene	7.15	146	126307	39.75	ng		96
14) 1,2-Dichlorobenzene	7.34	146	122048	41.26	ng		95
15) Benzyl Alcohol	7.31	79	98769m	41.56	ng		
16) 2,2'-oxybis(1-Chloropropan	7.50	45	171771	41.24	ng		96
17) 2-Methylphenol	7.46	107	97506	44.11	ng		95
18) Hexachloroethane	7.75	117	44248	40.43	ng		98
19) n-Nitroso-di-n-propylamine	7.64	70	86838	40.16	ng		95
20) 3+4-Methylphenols	7.66	107	131722	44.72	ng	#	47
22) Acetophenone	7.64	105	172177	43.67	ng	#	81
24) Nitrobenzene	7.85	77	123608	41.07	ng	#	77
25) Isophorone	8.15	82	237877	42.26	ng		99
26) 2-Nitrophenol	8.24	139	60253	48.37	ng		97
27) 2,4-Dimethylphenol	8.31	122	112728	45.22	ng		97
28) bis(2-Chloroethoxy)methane	8.43	93	147069	42.38	ng		99
29) 2,4-Dichlorophenol	8.54	162	103552	46.72	ng		96
30) 1,2,4-Trichlorobenzene	8.64	180	101928	41.86	ng		98
31) Naphthalene	8.73	128	361025	43.42	ng		99
32) Benzoic acid	8.42	122	50844m	34.59	ng		
33) 4-Chloroaniline	8.81	127	88934	25.28	ng	#	91
34) Hexachlorobutadiene	8.89	225	51670	36.85	ng		99
35) Caprolactam	9.23	113	29573	41.26	ng		92
36) 4-Chloro-3-methylphenol	9.42	107	103474	44.45	ng		86
37) 2-Methylnaphthalene	9.59	142	243641	42.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	97178	39.11	ng		98
40) Hexachlorocyclopentadiene	9.78	237	67108	53.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	69865	40.90	ng		97
43) 2,4,5-Trichlorophenol	9.99	196	71272	41.27	ng	#	87
45) 1,1'-Biphenyl	10.17	154	288599	41.15	ng		98
46) 2-Chloronaphthalene	10.19	162	221429	40.47	ng	#	91
47) 2-Nitroaniline	10.32	65	63224	39.89	ng		95
48) Acenaphthylene	10.70	152	355651	39.59	ng		98
49) Dimethylphthalate	10.56	163	305516	47.18	ng		99
50) 2,6-Dinitrotoluene	10.64	165	56749	44.41	ng		94
51) Acenaphthene	10.91	154	207837	38.80	ng		99
52) 3-Nitroaniline	10.83	138	54446	34.11	ng		97
53) 2,4-Dinitrophenol	10.98	184	34639	69.96	ng	#	50
54) Dibenzofuran	11.13	168	323992	41.87	ng		97
55) 4-Nitrophenol	11.06	139	100358	79.43	ng	#	75
56) 2,4-Dinitrotoluene	11.13	165	74811	44.28	ng	#	67
57) Fluorene	11.55	166	259812	40.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.29	232	56340	39.92	ng		99
59) Diethylphthalate	11.44	149	272932	42.55	ng		99
60) 4-Chlorophenyl-phenylether	11.57	204	114609	40.68	ng		99
61) 4-Nitroaniline	11.59	138	61635	38.60	ng		98
62) Azobenzene	11.76	77	261264	41.33	ng		99
64) 4,6-Dinitro-2-methylphenol	11.63	198	30373	44.19	ng	#	52
65) n-Nitrosodiphenylamine	11.71	169	226595	39.93	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	70465	39.68	ng	#	88
67) Hexachlorobenzene	12.23	284	78098	38.47	ng	#	80
68) Atrazine	12.39	200	71891	43.57	ng		98
69) Pentachlorophenol	12.48	266	75519	64.99	ng		97
70) Phenanthrene	12.74	178	367493	38.55	ng		100
71) Anthracene	12.81	178	371540	39.73	ng		100
72) Carbazole	13.02	167	380121	42.65	ng		99
73) Di-n-butylphthalate	13.47	149	458296	42.88	ng		100
74) Fluoranthene	14.22	202	395914	39.86	ng		96
76) Benzidine	14.40	184	94779	19.90	ng		96
77) Pyrene	14.49	202	406987	39.96	ng		100
79) Butylbenzylphthalate	15.33	149	192205	43.17	ng		89
80) Benzo(a)anthracene	15.99	228	386199	39.90	ng		99
81) 3,3'-Dichlorobenzidine	15.97	252	123422	35.80	ng	#	99
82) Chrysene	16.02	228	342561	36.80	ng		100
83) Bis(2-ethylhexyl)phthalate	16.05	149	303061	44.94	ng		100
84) Di-n-octyl phthalate	16.82	149	534985	45.04	ng		97
85) Indeno(1,2,3-cd)pyrene	19.06	276	448920	37.85	ng		100
87) Benzo(b)fluoranthene	17.26	252	415404	40.36	ng		100
88) Benzo(k)fluoranthene	17.29	252	329134m	33.03	ng		
89) Benzo(a)pyrene	17.63	252	360883	38.08	ng		99
90) Dibenzo(a,h)anthracene	19.09	278	376264	37.36	ng		98
91) Benzo(g,h,i)perylene	19.46	276	360251	35.69	ng	#	94

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

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