Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082865.D
Acq On : 10 Nov 2015 10:40
Operator : UM/IZ
Sample : G4327-01MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1MS

Quant Time: Nov 10 13:24:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	220213	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	820808	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	351587	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	575214	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	429453	20.00	ng		-0.02
86) Perylene-d12	15.43	264	390297	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1331164	94.05	ng		0.00
7) Phenol-d6	6.48	99	1819251	96.69	ng		0.00
23) Nitrobenzene-d5	7.40	82	1330050	70.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	287916	71.42	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	1463471	59.66	ng		-0.02
78) Terphenyl-d14	12.95	244	1160128	64.07	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	224623	36.78	ng		98
3) Pyridine	3.21	79	634558	35.81	ng		95
4) n-Nitrosodimethylamine	3.15	42	299829	34.11	ng	#	73
6) Aniline	6.49	93	446048	16.88	ng	#	1
8) 2-Chlorophenol	6.62	128	542670	34.59	ng		98
9) Benzaldehyde	6.37	77	54404	5.23	ng		79
10) Phenol	6.49	94	595275	27.88	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	563578	35.30	ng		91
12) 1,3-Dichlorobenzene	6.77	146	586617m	33.15	ng		
13) 1,4-Dichlorobenzene	6.85	146	613624m	33.33	ng		
14) 1,2-Dichlorobenzene	7.00	146	525310	31.38	ng		96
15) Benzyl Alcohol	6.98	79	535288	32.40	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	814795	34.79	ng		98
17) 2-Methylphenol	7.10	107	441186	33.20	ng		98
18) Hexachloroethane	7.34	117	191531	29.09	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	406701	29.40	ng		88
20) 3+4-Methylphenols	7.25	107	550264	31.85	ng	#	67
22) Acetophenone	7.24	105	759668	32.30	ng	#	97
24) Nitrobenzene	7.41	77	577753	29.95	ng	#	89
25) Isophorone	7.65	82	1096302	31.41	ng	#	97
26) 2-Nitrophenol	7.73	139	256111	31.81	ng	#	74
27) 2,4-Dimethylphenol	7.78	122	427336	29.54	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	633297	32.17	ng		98
29) 2,4-Dichlorophenol	7.98	162	466740	35.69	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	479208	32.59	ng		95
31) Naphthalene	8.14	128	1505833	33.25	ng		99
32) Benzoic acid	7.89	122	207092	20.91	ng	#	83
33) 4-Chloroaniline	8.19	127	197774	10.13	ng	#	89
34) Hexachlorobutadiene	8.27	225	287004	31.19	ng		99
35) Caprolactam	8.54	113	145518	35.30	ng	#	87
36) 4-Chloro-3-methylphenol	8.68	107	465966	30.30	ng		91
37) 2-Methylnaphthalene	8.83	142	843430	28.79	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	425753	36.85	ng		97
40) Hexachlorocyclopentadiene	8.99	237	159364	25.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	301222	34.93	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	317221	37.19	ng	#	81
45) 1,1'-Biphenyl	9.30	154	1117507	37.04	ng		98
46) 2-Chloronaphthalene	9.32	162	873999	37.14	ng		99
47) 2-Nitroaniline	9.41	65	311946	35.73	ng	#	81
48) Acenaphthylene	9.73	152	1233637	33.45	ng		99
49) Dimethylphthalate	9.60	163	1204204	41.80	ng		100
50) 2,6-Dinitrotoluene	9.65	165	198646	32.32	ng		93
51) Acenaphthene	9.90	154	735331	31.46	ng		99
52) 3-Nitroaniline	9.82	138	159266	23.56	ng	#	61
53) 2,4-Dinitrophenol	9.93	184	48732	14.44	ng	#	8
54) Dibenzofuran	10.08	168	1033633	32.80	ng		93
55) 4-Nitrophenol	10.00	139	362367	69.88	ng	#	85
56) 2,4-Dinitrotoluene	10.05	165	255535	30.64	ng		92
57) Fluorene	10.42	166	780593	30.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	238624	34.28	ng	#	85
59) Diethylphthalate	10.29	149	936807	33.31	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	403925	31.63	ng		94
61) 4-Nitroaniline	10.43	138	183524	27.00	ng	#	76
62) Azobenzene	10.57	77	989456	32.75	ng		89
64) 4,6-Dinitro-2-methylphenol	10.46	198	42611	10.40	ng		99
65) n-Nitrosodiphenylamine	10.53	169	753606	36.27	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	221286	31.95	ng	#	71
67) Hexachlorobenzene	10.97	284	232915	30.12	ng	#	86
68) Atrazine	11.06	200	208492	32.45	ng		96
69) Pentachlorophenol	11.16	266	260129	55.39	ng		98
70) Phenanthrene	11.38	178	1162909	34.81	ng		99
71) Anthracene	11.43	178	1097759	31.20	ng		98
72) Carbazole	11.59	167	1072283	34.81	ng		97
73) Di-n-butylphthalate	11.93	149	1286521	33.52	ng	#	96
74) Fluoranthene	12.57	202	1181812	32.97	ng		96
76) Benzidine	12.68	184	175436	12.19	ng		99
77) Pyrene	12.80	202	1141375	38.70	ng		97
79) Butylbenzylphthalate	13.41	149	474811	36.44	ng		94
80) Benzo(a)anthracene	13.99	228	987750	36.78	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	257788	27.00	ng		98
82) Chrysene	14.02	228	942217	38.31	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	646642	36.26	ng		99
84) Di-n-octyl phthalate	14.61	149	1158057	38.93	ng		97
85) Indeno(1,2,3-cd)pyrene	16.82	276	729178	34.42	ng	#	95
87) Benzo(b)fluoranthene	15.03	252	858300m	34.26	ng		
88) Benzo(k)fluoranthene	15.05	252	787481m	35.43	ng		
89) Benzo(a)pyrene	15.37	252	762363	35.12	ng	#	96
90) Dibenzo(a,h)anthracene	16.83	278	608252	33.09	ng		97
91) Benzo(g,h,i)perylene	17.23	276	614160	34.89	ng	#	96

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

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