Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080120.D
Acq On : 23 Jun 2015 5:49
Operator : TP/IZ
Sample : G2716-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 76-INFIELD(0-2)-11MSD

Quant Time: Jun 23 06:46:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	46055	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	183135	20.00	ng		0.00
38) Acenaphthene-d10	10.39	164	93304	20.00	ng		0.00
63) Phenanthrene-d10	11.90	188	199011	20.00	ng		-0.01
75) Chrysene-d12	14.96	240	216578	20.00	ng		-0.03
86) Perylene-d12	16.91	264	212752	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	358421	137.76	ng		0.00
7) Phenol-d6	6.93	99	482455	139.35	ng		0.00
23) Nitrobenzene-d5	7.88	82	277679	88.27	ng		0.00
41) 2,4,6-Tribromophenol	11.18	330	117733	129.04	ng		0.00
44) 2-Fluorobiphenyl	9.69	172	478077	73.07	ng		0.00
78) Terphenyl-d14	13.64	244	533449	57.52	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	38449	31.09	ng		87
3) Pyridine	4.10	79	11657	3.54	ng	#	80
4) n-Nitrosodimethylamine	3.93	42	59239	37.90	ng		94
6) Aniline	6.97	93	140982	29.60	ng	#	90
8) 2-Chlorophenol	7.11	128	122804	40.84	ng		95
9) Benzaldehyde	6.87	77	89034	44.55	ng	#	85
10) Phenol	6.94	94	194855	51.57	ng		78
11) bis(2-Chloroethyl)ether	7.04	93	132493	44.20	ng		90
12) 1,3-Dichlorobenzene	7.27	146	141653	39.21	ng		97
13) 1,4-Dichlorobenzene	7.34	146	152030m	44.25	ng		
14) 1,2-Dichlorobenzene	7.50	146	146981	43.97	ng		98
15) Benzyl Alcohol	7.44	79	109739	38.77	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.59	45	218681	49.15	ng		86
17) 2-Methylphenol	7.56	107	111409	43.37	ng	#	89
18) Hexachloroethane	7.84	117	48700	42.57	ng		93
19) n-Nitroso-di-n-propylamine	7.72	70	105688	43.97	ng	#	78
20) 3+4-Methylphenols	7.70	107	144872	43.70	ng		90
22) Acetophenone	7.72	105	176494	41.35	ng	#	76
24) Nitrobenzene	7.90	77	149334	45.99	ng	#	71
25) Isophorone	8.14	82	251888	39.79	ng	#	95
26) 2-Nitrophenol	8.22	139	69878	51.42	ng	#	66
27) 2,4-Dimethylphenol	8.24	122	132150	46.63	ng	#	82
28) bis(2-Chloroethoxy)methane	8.33	93	146529	39.39	ng	#	91
29) 2,4-Dichlorophenol	8.46	162	122187	50.35	ng		97
30) 1,2,4-Trichlorobenzene	8.55	180	122018	44.27	ng		99
31) Naphthalene	8.63	128	367097m	38.34	ng		
32) Benzoic acid	8.30	122	69960	40.83	ng	#	63
33) 4-Chloroaniline	8.68	127	112888m	27.55	ng		
34) Hexachlorobutadiene	8.76	225	76774	45.24	ng		98
35) Caprolactam	9.01	113	30395	38.59	ng	#	76
36) 4-Chloro-3-methylphenol	9.14	107	118273	43.21	ng		89
37) 2-Methylnaphthalene	9.33	142	260514	42.06	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	123705	45.56	ng		99
40) Hexachlorocyclopentadiene	9.49	237	88732	64.80	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	83326	45.10	ng		97
43) 2,4,5-Trichlorophenol	9.65	196	83262	39.12	ng	#	90
45) 1,1'-Biphenyl	9.80	154	328346	43.25	ng		95
46) 2-Chloronaphthalene	9.83	162	242251	39.33	ng		97
47) 2-Nitroaniline	9.91	65	74272	43.93	ng		88
48) Acenaphthylene	10.24	152	400169	38.92	ng		97
49) Dimethylphthalate	10.08	163	328216	46.79	ng	#	98
50) 2,6-Dinitrotoluene	10.15	165	58518	41.61	ng	#	90
51) Acenaphthene	10.42	154	254904	40.53	ng		94
52) 3-Nitroaniline	10.32	138	55621m	34.28	ng		
53) 2,4-Dinitrophenol	10.42	184	50334	87.36	ng	#	1
54) Dibenzofuran	10.60	168	363947	40.78	ng		97
55) 4-Nitrophenol	10.46	139	105766	81.55	ng	#	40
56) 2,4-Dinitrotoluene	10.55	165	79716	44.67	ng	#	69
57) Fluorene	10.94	166	308817	43.61	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	71682	39.89	ng		96
59) Diethylphthalate	10.79	149	286677	40.59	ng		95
60) 4-Chlorophenyl-phenylether	10.93	204	132106	38.82	ng	#	87
61) 4-Nitroaniline	10.93	138	62995	37.59	ng	#	41
62) Azobenzene	11.08	77	277681	38.62	ng	#	82
64) 4,6-Dinitro-2-methylphenol	10.96	198	32821	36.27	ng	#	67
65) n-Nitrosodiphenylamine	11.03	169	237093	36.59	ng		92
66) 4-Bromophenyl-phenylether	11.42	248	87625	41.41	ng		99
67) Hexachlorobenzene	11.50	284	90717	38.57	ng	#	89
68) Atrazine	11.56	200	77466	37.84	ng		82
69) Pentachlorophenol	11.69	266	107819	80.90	ng		98
70) Phenanthrene	11.92	178	452420	37.55	ng		96
71) Anthracene	11.98	178	469488	40.47	ng		98
72) Carbazole	12.13	167	404882	36.55	ng		95
73) Di-n-butylphthalate	12.47	149	503646	39.36	ng	#	99
74) Fluoranthene	13.21	202	494620	38.55	ng		93
76) Benzidine	13.34	184	13652	2.26	ng	#	93
77) Pyrene	13.48	202	516401	38.73	ng		97
79) Butylbenzylphthalate	14.21	149	227846	42.55	ng		92
80) Benzo(a)anthracene	14.95	228	492846	37.35	ng		96
81) 3,3'-Dichlorobenzidine	14.89	252	160292	35.22	ng	#	94
82) Chrysene	15.00	228	467854	38.45	ng		94
83) Bis(2-ethylhexyl)phthalate	14.94	149	344640	40.72	ng		95
84) Di-n-octyl phthalate	15.79	149	591531	40.79	ng		96
85) Indeno(1,2,3-cd)pyrene	18.78	276	540089	35.20	ng	#	89
87) Benzo(b)fluoranthene	16.37	252	477824	37.09	ng	#	86
88) Benzo(k)fluoranthene	16.40	252	511490	38.99	ng	#	88
89) Benzo(a)pyrene	16.84	252	482198	39.42	ng	#	85
90) Dibenzo(a,h)anthracene	18.80	278	454880	36.33	ng	#	82
91) Benzo(g,h,i)perylene	19.34	276	458358	36.26	ng	#	77

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

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