Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080170.D
Acq On : 25 Jun 2015 17:14
Operator : TP/IZ
Sample : G2748-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC062315MS

Manual Integrations APPROVED
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6/26/2015 2:05:12 PM

Quant Time: Jun 26 01:58:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31347	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	117627	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	63099	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	129533	20.00	ng		0.00
75) Chrysene-d12	14.88	240	138180	20.00	ng		0.06
86) Perylene-d12	16.78	264	130549	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	246303	139.09	ng		0.01
7) Phenol-d6	6.90	99	311839	132.33	ng		0.00
23) Nitrobenzene-d5	7.85	82	236413	117.01	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	106485	172.58	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	431993	97.63	ng		-0.01
78) Terphenyl-d14	13.58	244	563109	95.18	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	30970	36.79	ng		88
3) Pyridine	3.99	79	81347	36.34	ng		86
4) n-Nitrosodimethylamine	3.89	42	43760	41.13	ng		96
6) Aniline	6.95	93	77404	23.88	ng		93
8) 2-Chlorophenol	7.08	128	103271	50.46	ng		87
9) Benzaldehyde	6.84	77	37154	27.31	ng	#	70
10) Phenol	6.92	94	116802	45.42	ng		86
11) bis(2-Chloroethyl)ether	7.02	93	99932	48.98	ng		85
12) 1,3-Dichlorobenzene	7.24	146	113515m	46.17	ng		
13) 1,4-Dichlorobenzene	7.32	146	121582	52.00	ng		96
14) 1,2-Dichlorobenzene	7.48	146	105463	46.35	ng		97
15) Benzyl Alcohol	7.42	79	92992	48.26	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.57	45	169443	55.95	ng		84
17) 2-Methylphenol	7.53	107	83528	47.78	ng	#	89
18) Hexachloroethane	7.82	117	39533	50.78	ng	#	83
19) n-Nitroso-di-n-propylamine	7.69	70	82299	50.30	ng	#	77
20) 3+4-Methylphenols	7.68	107	116093	51.45	ng		91
22) Acetophenone	7.69	105	149128	54.40	ng	#	81
24) Nitrobenzene	7.88	77	112472	53.93	ng	#	79
25) Isophorone	8.10	82	205484	50.53	ng	#	83
26) 2-Nitrophenol	8.20	139	57797	66.21	ng	#	76
27) 2,4-Dimethylphenol	8.22	122	106949	58.76	ng	#	83
28) bis(2-Chloroethoxy)methane	8.31	93	128391	53.74	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	98226	63.01	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	104179	58.85	ng		96
31) Naphthalene	8.61	128	307152m	49.94	ng		
32) Benzoic acid	8.28	122	55529	50.46	ng	#	63
33) 4-Chloroaniline	8.65	127	42248m	16.05	ng		
34) Hexachlorobutadiene	8.73	225	57651	52.89	ng		99
35) Caprolactam	8.98	113	24740	48.90	ng		92
36) 4-Chloro-3-methylphenol	9.12	107	94626	53.82	ng		96
37) 2-Methylnaphthalene	9.30	142	231554	58.21	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	107775	58.70	ng		99
40) Hexachlorocyclopentadiene	9.46	237	99999	103.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	73965	59.20	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	72803	50.58	ng	#	89
45) 1,1'-Biphenyl	9.77	154	259514	50.55	ng		95
46) 2-Chloronaphthalene	9.80	162	212032	50.90	ng		94
47) 2-Nitroaniline	9.88	65	61919	54.15	ng	#	57
48) Acenaphthylene	10.22	152	365683	52.60	ng		97
49) Dimethylphthalate	10.06	163	266281	56.13	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	50992	53.62	ng	#	36
51) Acenaphthene	10.39	154	235996	55.49	ng		93
52) 3-Nitroaniline	10.29	138	29329	26.73	ng	#	44
53) 2,4-Dinitrophenol	10.40	184	57628	143.85	ng	#	17
54) Dibenzofuran	10.56	168	307307	50.92	ng	#	87
55) 4-Nitrophenol	10.44	139	84563	96.42	ng	#	43
56) 2,4-Dinitrotoluene	10.53	165	75611	62.65	ng	#	75
57) Fluorene	10.92	166	258845	54.05	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.68	232	61772	50.83	ng	#	98
59) Diethylphthalate	10.77	149	247523	51.82	ng		95
60) 4-Chlorophenyl-phenylether	10.89	204	116633	50.68	ng	#	82
61) 4-Nitroaniline	10.90	138	56974	50.28	ng	#	49
62) Azobenzene	11.05	77	245279	50.44	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	34105	51.03	ng		78
65) n-Nitrosodiphenylamine	11.01	169	212193	50.31	ng		91
66) 4-Bromophenyl-phenylether	11.40	248	77600	56.34	ng	#	88
67) Hexachlorobenzene	11.48	284	81655	53.34	ng	#	81
68) Atrazine	11.53	200	62665	47.02	ng		84
69) Pentachlorophenol	11.66	266	84518	97.44	ng		99
70) Phenanthrene	11.89	178	394192	50.27	ng		96
71) Anthracene	11.94	178	406177	53.79	ng		98
72) Carbazole	12.09	167	355315	49.29	ng		96
73) Di-n-butylphthalate	12.44	149	436447	52.40	ng	#	99
74) Fluoranthene	13.17	202	426607	51.08	ng		94
76) Benzidine	13.29	184	187805	48.62	ng		97
77) Pyrene	13.43	202	449772	52.87	ng		97
79) Butylbenzylphthalate	14.14	149	191422	56.03	ng	#	87
80) Benzo(a)anthracene	14.87	228	430224	51.11	ng		97
81) 3,3'-Dichlorobenzidine	14.81	252	87834	30.25	ng	#	92
82) Chrysene	14.92	228	403097	51.93	ng		94
83) Bis(2-ethylhexyl)phthalate	14.85	149	277642	51.42	ng	#	93
84) Di-n-octyl phthalate	15.68	149	470525	50.85	ng		94
85) Indeno(1,2,3-cd)pyrene	18.62	276	457780	46.77	ng	#	89
87) Benzo(b)fluoranthene	16.24	252	397056	50.23	ng	#	87
88) Benzo(k)fluoranthene	16.28	252	422868m	52.54	ng		
89) Benzo(a)pyrene	16.70	252	403680	53.78	ng	#	87
90) Dibenzo(a,h)anthracene	18.64	278	382207	49.75	ng	#	82
91) Benzo(g,h,i)perylene	19.18	276	387583	49.96	ng	#	76

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

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