Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083764.D
Acq On : 14 Dec 2015 7:53
Operator : UM/IZ
Sample : G4648-11MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04(0-0.16)MS

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:51 PM

Quant Time: Dec 14 10:07:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	106924	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	363913	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	150483	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	249588	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	221230	20.00	ng		-0.01
86) Perylene-d12	15.51	264	210385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	916523	138.28	ng		0.01
7) Phenol-d6	6.56	99	1054682	125.66	ng		0.01
23) Nitrobenzene-d5	7.48	82	615064	94.56	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	195017	127.18	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1067756	118.53	ng		-0.01
78) Terphenyl-d14	13.01	244	870915	84.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	136665	42.64	ng	#	83
3) Pyridine	3.36	79	357538	44.34	ng		86
4) n-Nitrosodimethylamine	3.31	42	152823	50.09	ng	#	61
6) Aniline	6.58	93	316539	27.76	ng	#	84
8) 2-Chlorophenol	6.70	128	341615	43.86	ng		91
9) Benzaldehyde	6.46	77	105648	23.44	ng		84
10) Phenol	6.57	94	478241	49.50	ng		77
11) bis(2-Chloroethyl)ether	6.66	93	369765	52.85	ng		87
12) 1,3-Dichlorobenzene	6.86	146	392722	47.51	ng		98
13) 1,4-Dichlorobenzene	6.94	146	390992	46.81	ng		93
14) 1,2-Dichlorobenzene	7.09	146	349918	46.62	ng		99
15) Benzyl Alcohol	7.06	79	286259	46.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	417949	46.01	ng		72
17) 2-Methylphenol	7.17	107	271962	43.43	ng	#	86
18) Hexachloroethane	7.44	117	121135	40.84	ng	#	82
19) n-Nitroso-di-n-propylamine	7.33	70	212707	41.39	ng		93
20) 3+4-Methylphenols	7.32	107	328791	44.48	ng	#	72
22) Acetophenone	7.33	105	449357	50.33	ng	#	95
24) Nitrobenzene	7.50	77	369911	54.64	ng	#	78
25) Isophorone	7.74	82	623744	48.88	ng	#	92
26) 2-Nitrophenol	7.81	139	162015	49.82	ng		92
27) 2,4-Dimethylphenol	7.86	122	317526	49.69	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	364518	50.06	ng		98
29) 2,4-Dichlorophenol	8.06	162	269098	51.29	ng		94
30) 1,2,4-Trichlorobenzene	8.14	180	267996	49.26	ng		97
31) Naphthalene	8.22	128	906510	47.79	ng		99
33) 4-Chloroaniline	8.27	127	175951	22.71	ng	#	87
34) Hexachlorobutadiene	8.35	225	156024	52.26	ng		99
35) Caprolactam	8.62	113	80471	47.77	ng	#	67
36) 4-Chloro-3-methylphenol	8.75	107	268036	43.68	ng		95
37) 2-Methylnaphthalene	8.92	142	624636	52.45	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	221766	49.96	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	73594	32.71	ng		95
42) 2,4,6-Trichlorophenol	9.20	196	184076	56.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	138074	44.80	ng	#	90
45) 1,1'-Biphenyl	9.38	154	630121	47.25	ng		98
46) 2-Chloronaphthalene	9.40	162	484300	49.20	ng	#	91
47) 2-Nitroaniline	9.49	65	150351	53.85	ng	#	78
48) Acenaphthylene	9.82	152	811474	48.99	ng		99
49) Dimethylphthalate	9.68	163	737220	62.84	ng		100
50) 2,6-Dinitrotoluene	9.73	165	115525	46.40	ng		94
51) Acenaphthene	10.00	154	485874	48.52	ng		99
52) 3-Nitroaniline	9.90	138	102165	35.59	ng	#	61
53) 2,4-Dinitrophenol	10.01	184	22851	26.69	ng	#	69
54) Dibenzofuran	10.17	168	695466	52.42	ng		99
55) 4-Nitrophenol	10.06	139	206382	97.09	ng	#	62
56) 2,4-Dinitrotoluene	10.13	165	146785	45.13	ng	#	89
57) Fluorene	10.50	166	477879	45.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	121122	52.39	ng	#	100
59) Diethylphthalate	10.37	149	587312	49.45	ng		97
60) 4-Chlorophenyl-phenylether	10.50	204	234833	49.29	ng		99
61) 4-Nitroaniline	10.51	138	111073	43.90	ng		95
62) Azobenzene	10.66	77	569447	52.59	ng		89
64) 4,6-Dinitro-2-methylphenol	10.54	198	35283	24.85	ng	#	62
65) n-Nitrosodiphenylamine	10.61	169	466757	54.68	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	141192	50.59	ng	#	86
67) Hexachlorobenzene	11.06	284	151399	50.14	ng	#	79
68) Atrazine	11.14	200	141379	58.21	ng		99
69) Pentachlorophenol	11.24	266	143403	84.20	ng		99
70) Phenanthrene	11.46	178	655978	49.47	ng		99
71) Anthracene	11.52	178	742043	53.89	ng		100
72) Carbazole	11.66	167	697513	54.36	ng		97
73) Di-n-butylphthalate	12.00	149	794138	50.97	ng		99
74) Fluoranthene	12.65	202	767016	55.99	ng		99
76) Benzidine	12.76	184	383922	56.95	ng		97
77) Pyrene	12.88	202	818897	46.83	ng		99
79) Butylbenzylphthalate	13.49	149	379015	50.50	ng		95
80) Benzo(a)anthracene	14.05	228	676897	53.81	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	259704	57.23	ng		98
82) Chrysene	14.10	228	685187	55.84	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	469393	54.96	ng	#	97
84) Di-n-octyl phthalate	14.66	149	921762	67.91	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	564682	46.86	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	678843	50.58	ng		97
88) Benzo(k)fluoranthene	15.13	252	651655m	53.58	ng		
89) Benzo(a)pyrene	15.45	252	615375	51.38	ng		100
90) Dibenzo(a,h)anthracene	16.96	278	477674	40.11	ng	#	96
91) Benzo(g,h,i)perylene	17.37	276	447893	36.59	ng		98

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

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