Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085334.D
Acq On : 10 Mar 2016 15:40
Operator : UM/SJ
Sample : PB88797BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Manual Integrations APPROVED
Sohil
3/11/2016 4:58:16 PM

Quant Time: Mar 10 17:40:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:13:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	213459	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	873067	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	397923	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	685693	20.00	ng		0.00
75) Chrysene-d12	14.11	240	476083	20.00	ng		0.00
86) Perylene-d12	15.57	264	373509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1147171	90.15	ng		0.02
7) Phenol-d6	6.57	99	1411539	84.66	ng		0.01
23) Nitrobenzene-d5	7.50	82	917591	56.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	360796	105.96	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1594340	60.93	ng		0.00
78) Terphenyl-d14	13.05	244	1279249	62.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	153880	23.65	ng		97
3) Pyridine	3.44	79	414240	25.43	ng		97
4) n-Nitrosodimethylamine	3.38	42	193805	27.80	ng		97
6) Aniline	6.60	93	536023	22.94	ng		99
8) 2-Chlorophenol	6.72	128	408359	26.65	ng		96
9) Benzaldehyde	6.48	77	104827	9.99	ng		99
10) Phenol	6.58	94	621459	34.80	ng		92
11) bis(2-Chloroethyl)ether	6.68	93	418009	28.18	ng		98
12) 1,3-Dichlorobenzene	6.88	146	455742	27.71	ng		97
13) 1,4-Dichlorobenzene	6.96	146	440902m	26.75	ng		
14) 1,2-Dichlorobenzene	7.11	146	444883	29.74	ng		100
15) Benzyl Alcohol	7.08	79	351848	28.75	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	526546	24.63	ng		100
17) 2-Methylphenol	7.19	107	350450	28.03	ng		97
18) Hexachloroethane	7.45	117	167338	27.52	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	267150	24.58	ng	#	90
20) 3+4-Methylphenols	7.34	107	434449	29.34	ng		95
22) Acetophenone	7.35	105	534683	25.09	ng	#	98
24) Nitrobenzene	7.52	77	441157	26.62	ng		99
25) Isophorone	7.76	82	829558	27.44	ng		99
26) 2-Nitrophenol	7.84	139	246941	30.62	ng	#	89
27) 2,4-Dimethylphenol	7.88	122	424656	28.81	ng		95
28) bis(2-Chloroethoxy)methane	7.97	93	491671	29.20	ng		100
29) 2,4-Dichlorophenol	8.08	162	380748	32.03	ng		95
30) 1,2,4-Trichlorobenzene	8.16	180	357634	27.83	ng		100
31) Naphthalene	8.25	128	1197072	27.88	ng		98
32) Benzoic acid	7.98	122	231292	23.62	ng		98
33) 4-Chloroaniline	8.29	127	306031	17.62	ng		99
34) Hexachlorobutadiene	8.37	225	197423	29.52	ng		99
35) Caprolactam	8.66	113	122791m	31.63	ng		
36) 4-Chloro-3-methylphenol	8.78	107	390674	28.97	ng	#	83
37) 2-Methylnaphthalene	8.94	142	823851	29.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	329667	28.97	ng		97
40) Hexachlorocyclopentadiene	9.10	237	380666	62.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	253719	29.95	ng		96
43) 2,4,5-Trichlorophenol	9.26	196	265914	33.11	ng	#	91
45) 1,1'-Biphenyl	9.41	154	980475	28.84	ng		94
46) 2-Chloronaphthalene	9.43	162	770005	29.71	ng		97
47) 2-Nitroaniline	9.52	65	243227	30.29	ng	#	82
48) Acenaphthylene	9.84	152	1131030	28.04	ng		98
49) Dimethylphthalate	9.70	163	871275	28.53	ng		100
50) 2,6-Dinitrotoluene	9.76	165	182176	27.88	ng		88
51) Acenaphthene	10.01	154	749884	30.62	ng		99
52) 3-Nitroaniline	9.93	138	174464	22.32	ng		93
53) 2,4-Dinitrophenol	10.04	184	163871	52.49	ng	#	55
54) Dibenzofuran	10.18	168	954169	29.74	ng		98
55) 4-Nitrophenol	10.09	139	342285	55.72	ng	#	80
56) 2,4-Dinitrotoluene	10.17	165	266081	31.82	ng	#	67
57) Fluorene	10.53	166	742322	29.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	184507	32.70	ng		96
59) Diethylphthalate	10.40	149	856789	28.91	ng		96
60) 4-Chlorophenyl-phenylether	10.53	204	364567	29.73	ng	#	80
61) 4-Nitroaniline	10.55	138	239114	32.70	ng		95
62) Azobenzene	10.68	77	921866	31.57	ng		96
64) 4,6-Dinitro-2-methylphenol	10.57	198	122286	29.78	ng	#	66
65) n-Nitrosodiphenylamine	10.64	169	703373	32.98	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	199619	29.98	ng	#	85
67) Hexachlorobenzene	11.08	284	211963	29.84	ng	#	83
68) Atrazine	11.17	200	215743	36.37	ng		97
69) Pentachlorophenol	11.27	266	236364	59.95	ng		99
70) Phenanthrene	11.49	178	1034397	28.79	ng		98
71) Anthracene	11.54	178	1104894	28.96	ng		99
72) Carbazole	11.69	167	862858	25.79	ng		99
73) Di-n-butylphthalate	12.03	149	1117229	26.42	ng		99
74) Fluoranthene	12.68	202	992236	27.51	ng		97
76) Benzidine	12.80	184	552563	39.00	ng		98
77) Pyrene	12.91	202	1031801	28.79	ng		99
79) Butylbenzylphthalate	13.52	149	456219	28.06	ng		94
80) Benzo(a)anthracene	14.09	228	807969	28.35	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	134778	14.99	ng	#	96
82) Chrysene	14.14	228	768944	29.21	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	579234	27.07	ng		99
84) Di-n-octyl phthalate	14.70	149	940686	28.87	ng		95
85) Indeno(1,2,3-cd)pyrene	17.03	276	655526	31.90	ng		97
87) Benzo(b)fluoranthene	15.15	252	694266	27.89	ng	#	95
88) Benzo(k)fluoranthene	15.17	252	587456m	29.25	ng		
89) Benzo(a)pyrene	15.51	252	613530	29.74	ng		99
90) Dibenzo(a,h)anthracene	17.04	278	550669	31.27	ng		98
91) Benzo(g,h,i)perylene	17.48	276	558440	31.54	ng	#	94

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

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