Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090930.D
Acq On : 31 Oct 2016 16:11
Operator : UM/SJ
Sample : PB94407BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94407BS

Manual Integrations APPROVED
sohil
11/1/2016 5:19:26 PM

Quant Time: Nov 01 13:05:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	138641	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	542790	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	310649	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	497605	20.00	ng		0.00
75) Chrysene-d12	13.91	240	474852	20.00	ng		0.00
86) Perylene-d12	15.30	264	329411	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1151429	145.21	ng		0.02
7) Phenol-d6	6.40	99	1390824	130.01	ng		0.00
23) Nitrobenzene-d5	7.32	82	936313	112.93	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	408772	128.04	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1687003	95.36	ng		0.00
78) Terphenyl-d14	12.85	244	1830640	97.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	141428	34.89	ng	#	75
3) Pyridine	3.01	79	439525	39.97	ng	#	72
4) n-Nitrosodimethylamine	2.97	42	156992	50.71	ng	#	56
6) Aniline	6.41	93	313264	25.63	ng	#	1
8) 2-Chlorophenol	6.53	128	411094	42.03	ng		93
9) Benzaldehyde	6.29	77	62726	11.35	ng	#	82
10) Phenol	6.41	94	408728	34.67	ng	#	27
11) bis(2-Chloroethyl)ether	6.49	93	406381	41.66	ng		95
12) 1,3-Dichlorobenzene	6.69	146	437480	43.72	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	423742	40.27	ng	#	89
14) 1,2-Dichlorobenzene	6.92	146	437848	43.41	ng		96
15) Benzyl Alcohol	6.90	79	330715	47.07	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.04	45	348808	35.94	ng		62
17) 2-Methylphenol	7.02	107	312246	41.96	ng	#	84
18) Hexachloroethane	7.26	117	176301	46.04	ng	#	74
19) n-Nitroso-di-n-propylamine	7.17	70	271938	43.97	ng	#	67
20) 3+4-Methylphenols	7.17	107	385780	44.78	ng	#	76
22) Acetophenone	7.16	105	520126	46.58	ng	#	82
24) Nitrobenzene	7.33	77	428039	48.81	ng	#	67
25) Isophorone	7.57	82	804490	47.81	ng	#	88
26) 2-Nitrophenol	7.65	139	220778	46.99	ng	#	73
27) 2,4-Dimethylphenol	7.70	122	356116	46.82	ng	#	79
28) bis(2-Chloroethoxy)methane	7.79	93	506562	52.93	ng	#	93
29) 2,4-Dichlorophenol	7.90	162	348513	49.48	ng		100
30) 1,2,4-Trichlorobenzene	7.98	180	361535	44.42	ng		98
31) Naphthalene	8.05	128	1095527	43.18	ng		97
32) Benzoic acid	7.84	122	229472	41.55	ng	#	68
33) 4-Chloroaniline	8.11	127	162443	15.85	ng	#	92
34) Hexachlorobutadiene	8.18	225	211336	44.16	ng		100
35) Caprolactam	8.48	113	109950m	50.29	ng		
36) 4-Chloro-3-methylphenol	8.60	107	357572	46.68	ng	#	82
37) 2-Methylnaphthalene	8.75	142	799334	48.78	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	382988	44.94	ng		99
40) Hexachlorocyclopentadiene	8.91	237	314756	80.28	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	264891	48.15	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	264718	46.72	ng		94
45) 1,1'-Biphenyl	9.22	154	981229	43.85	ng		93
46) 2-Chloronaphthalene	9.24	162	791207	46.48	ng		97
47) 2-Nitroaniline	9.33	65	226931	47.25	ng	#	69
48) Acenaphthylene	9.65	152	1194181	46.34	ng		96
49) Dimethylphthalate	9.52	163	865429	41.70	ng	#	97
50) 2,6-Dinitrotoluene	9.58	165	213836	46.65	ng		91
51) Acenaphthene	9.82	154	733640	41.33	ng		88
52) 3-Nitroaniline	9.74	138	105776	21.68	ng	#	56
53) 2,4-Dinitrophenol	9.86	184	188186	77.99	ng	#	75
54) Dibenzofuran	10.00	168	1073358	46.86	ng	#	89
55) 4-Nitrophenol	9.93	139	277165	93.14	ng	#	64
56) 2,4-Dinitrotoluene	9.98	165	255478	44.87	ng	#	80
57) Fluorene	10.34	166	896390	47.78	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.12	232	229436	45.34	ng		93
59) Diethylphthalate	10.22	149	976886	47.39	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	386145	42.16	ng	#	83
61) 4-Nitroaniline	10.36	138	187533	38.80	ng	#	56
62) Azobenzene	10.49	77	808143	39.86	ng		85
64) 4,6-Dinitro-2-methylphenol	10.40	198	142713	43.26	ng	#	73
65) n-Nitrosodiphenylamine	10.45	169	722495	47.40	ng		90
66) 4-Bromophenyl-phenylether	10.82	248	262526	48.18	ng		97
67) Hexachlorobenzene	10.89	284	310089	48.08	ng	#	82
68) Atrazine	10.99	200	238102	50.50	ng		87
69) Pentachlorophenol	11.08	266	315271	91.12	ng		98
70) Phenanthrene	11.30	178	1253290	49.46	ng		96
71) Anthracene	11.34	178	1165443	43.68	ng		97
72) Carbazole	11.50	167	1171236	49.71	ng	#	93
73) Di-n-butylphthalate	11.84	149	1408986	46.39	ng	#	97
74) Fluoranthene	12.48	202	1260087	45.41	ng		97
76) Benzidine	12.60	184	159324	15.37	ng		98
77) Pyrene	12.71	202	1261029	41.96	ng		95
79) Butylbenzylphthalate	13.33	149	657193	48.20	ng	#	85
80) Benzo(a)anthracene	13.89	228	1190752	47.25	ng		95
81) 3,3'-Dichlorobenzidine	13.86	252	264747	27.06	ng		97
82) Chrysene	13.94	228	1222512	47.96	ng		95
83) Bis(2-ethylhexyl)phthalate	13.89	149	860596	48.47	ng	#	93
84) Di-n-octyl phthalate	14.51	149	1570716	52.68	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.65	276	845609	37.43	ng	#	95
87) Benzo(b)fluoranthene	14.91	252	974544m	44.00	ng		
88) Benzo(k)fluoranthene	14.95	252	1005786m	57.46	ng		
89) Benzo(a)pyrene	15.24	252	894838	47.02	ng	#	93
90) Dibenzo(a,h)anthracene	16.66	278	722356	44.83	ng	#	83
91) Benzo(g,h,i)perylene	17.05	276	680822	44.87	ng	#	80

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

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