Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082080.D
Acq On : 6 Oct 2015 13:05
Operator : UM/IZ
Sample : PB85910BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:51:43 PM

Quant Time: Oct 07 03:07:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	80683	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	333816	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	164642	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	323847	20.00	ng		0.00
75) Chrysene-d12	14.06	240	295895	20.00	ng		-0.01
86) Perylene-d12	15.51	264	265455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	524901	118.10	ng		0.01
7) Phenol-d6	6.51	99	706516	126.33	ng		0.00
23) Nitrobenzene-d5	7.45	82	413777	82.63	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	193952	116.32	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	816123	82.47	ng		0.00
78) Terphenyl-d14	13.01	244	1004280	125.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	61787	31.97	ng		88
3) Pyridine	3.27	79	178586	35.49	ng	#	84
4) n-Nitrosodimethylamine	3.22	42	75443	33.01	ng		96
6) Aniline	6.55	93	187029	24.89	ng	#	90
8) 2-Chlorophenol	6.66	128	200687	40.89	ng	#	81
9) Benzaldehyde	6.43	77	35302	9.64	ng	#	88
10) Phenol	6.54	94	249325	39.74	ng	#	65
11) bis(2-Chloroethyl)ether	6.62	93	201749	41.47	ng		96
12) 1,3-Dichlorobenzene	6.82	146	238827	41.19	ng	#	95
13) 1,4-Dichlorobenzene	6.90	146	249174	41.16	ng		96
14) 1,2-Dichlorobenzene	7.05	146	224887m	41.69	ng		
15) Benzyl Alcohol	7.03	79	168178	41.66	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.17	45	299105	43.49	ng		82
17) 2-Methylphenol	7.14	107	175852	44.19	ng	#	85
18) Hexachloroethane	7.39	117	84828	44.76	ng	#	80
19) n-Nitroso-di-n-propylamine	7.30	70	147135	43.29	ng	#	76
20) 3+4-Methylphenols	7.29	107	203278	40.44	ng	#	58
22) Acetophenone	7.29	105	283958	41.60	ng	#	73
24) Nitrobenzene	7.47	77	222226	40.87	ng	#	76
25) Isophorone	7.71	82	393366	39.63	ng	#	98
26) 2-Nitrophenol	7.78	139	112298	43.02	ng	#	54
27) 2,4-Dimethylphenol	7.83	122	201299	43.84	ng	#	84
28) bis(2-Chloroethoxy)methane	7.92	93	235655	39.98	ng	#	93
29) 2,4-Dichlorophenol	8.03	162	187623	42.14	ng		94
30) 1,2,4-Trichlorobenzene	8.11	180	209234	42.09	ng		99
31) Naphthalene	8.19	128	640220	43.28	ng		98
32) Benzoic acid	7.94	122	106087	40.06	ng	#	68
33) 4-Chloroaniline	8.25	127	109693	17.15	ng	#	96
34) Hexachlorobutadiene	8.31	225	127892	43.50	ng		98
35) Caprolactam	8.62	113	59289m	48.10	ng		
36) 4-Chloro-3-methylphenol	8.73	107	196665	45.17	ng		86
37) 2-Methylnaphthalene	8.88	142	398651	39.48	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	215518	42.64	ng		98
40) Hexachlorocyclopentadiene	9.03	237	218965	84.12	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	147021	42.43	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	157033	44.07	ng	#	92
45) 1,1'-Biphenyl	9.35	154	520925	41.01	ng		95
46) 2-Chloronaphthalene	9.37	162	394854	39.59	ng	#	93
47) 2-Nitroaniline	9.47	65	125896	43.00	ng	#	76
48) Acenaphthylene	9.79	152	689187	43.17	ng		97
49) Dimethylphthalate	9.66	163	518407	45.62	ng	#	97
50) 2,6-Dinitrotoluene	9.71	165	101575	41.17	ng	#	59
51) Acenaphthene	9.97	154	410608	43.32	ng		89
52) 3-Nitroaniline	9.89	138	66878	23.43	ng	#	70
53) 2,4-Dinitrophenol	10.00	184	116643	89.54	ng	#	82
54) Dibenzofuran	10.14	168	594495	44.38	ng	#	91
55) 4-Nitrophenol	10.06	139	171533	83.17	ng	#	58
56) 2,4-Dinitrotoluene	10.13	165	153022	48.65	ng	#	99
57) Fluorene	10.48	166	485555	50.96	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.25	232	133633	47.28	ng		95
59) Diethylphthalate	10.35	149	507195	47.78	ng		98
60) 4-Chlorophenyl-phenylether	10.47	204	215952	44.03	ng		89
61) 4-Nitroaniline	10.50	138	114823	40.12	ng	#	47
62) Azobenzene	10.63	77	470221	45.39	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	73340	49.53	ng		93
65) n-Nitrosodiphenylamine	10.59	169	426729	43.55	ng		92
66) 4-Bromophenyl-phenylether	10.96	248	144214	44.17	ng		99
67) Hexachlorobenzene	11.03	284	148871	40.40	ng	#	75
68) Atrazine	11.12	200	139540	45.90	ng		84
69) Pentachlorophenol	11.22	266	177313	84.45	ng		99
70) Phenanthrene	11.44	178	663415	42.47	ng		96
71) Anthracene	11.50	178	787627	47.85	ng		98
72) Carbazole	11.66	167	661907	44.43	ng		97
73) Di-n-butylphthalate	11.98	149	795809	52.68	ng	#	98
74) Fluoranthene	12.63	202	740242	42.67	ng		91
76) Benzidine	12.76	184	280431	31.45	ng		98
77) Pyrene	12.86	202	732430	41.43	ng		96
79) Butylbenzylphthalate	13.48	149	316842	47.63	ng	#	87
80) Benzo(a)anthracene	14.05	228	708304	44.45	ng		96
81) 3,3'-Dichlorobenzidine	14.01	252	153589	28.54	ng	#	95
82) Chrysene	14.09	228	732088	Below Cal			95
83) Bis(2-ethylhexyl)phthalate	14.04	149	463219	55.52	ng	#	95
84) Di-n-octyl phthalate	14.64	149	760000	55.97	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.95	276	591108	47.42	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	769679	50.78	ng	#	88
88) Benzo(k)fluoranthene	15.12	252	537697m	38.71	ng		
89) Benzo(a)pyrene	15.45	252	625411	47.57	ng	#	86
90) Dibenzo(a,h)anthracene	16.96	278	485089	43.98	ng	#	81
91) Benzo(g,h,i)perylene	17.38	276	476100	42.12	ng	#	75

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

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