Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082355.D
Acq On : 19 Oct 2015 15:02
Operator : UM/IZ
Sample : PB86137BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86137BS

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:45 PM

Quant Time: Oct 20 02:15:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 01:57:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98417	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	376523	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	201122	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	378303	20.00	ng		-0.01
75) Chrysene-d12	14.08	240	353538	20.00	ng		-0.01
86) Perylene-d12	15.67	264	306752	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	605112	124.09	ng		0.01
7) Phenol-d6	6.45	99	741288	116.81	ng		0.00
23) Nitrobenzene-d5	7.37	82	479501	85.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	208183	110.37	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1044163	86.10	ng		0.00
78) Terphenyl-d14	12.95	244	1070564	80.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	74541	30.42	ng		99
3) Pyridine	3.13	79	211810	37.17	ng		98
4) n-Nitrosodimethylamine	3.10	42	87956	36.39	ng		94
6) Aniline	6.47	93	190368	23.27	ng	#	80
8) 2-Chlorophenol	6.58	128	222344	37.35	ng	#	77
9) Benzaldehyde	6.34	77	49875	15.39	ng		88
10) Phenol	6.46	94	246083	33.63	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	225405	36.43	ng		96
12) 1,3-Dichlorobenzene	6.74	146	264183	38.11	ng		97
13) 1,4-Dichlorobenzene	6.82	146	267183	36.90	ng		97
14) 1,2-Dichlorobenzene	6.97	146	258641	37.62	ng		95
15) Benzyl Alcohol	6.95	79	175818	40.13	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	310589	36.05	ng		98
17) 2-Methylphenol	7.07	107	186174	39.55	ng		98
18) Hexachloroethane	7.31	117	93177	37.60	ng	#	88
19) n-Nitroso-di-n-propylamine	7.22	70	153303	34.40	ng	#	88
20) 3+4-Methylphenols	7.22	107	225772	40.25	ng		97
22) Acetophenone	7.22	105	308523	41.42	ng	#	94
24) Nitrobenzene	7.39	77	242488	39.96	ng		96
25) Isophorone	7.63	82	443065	39.15	ng		98
26) 2-Nitrophenol	7.71	139	130440	43.04	ng		98
27) 2,4-Dimethylphenol	7.76	122	208024	42.61	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	283069	42.99	ng		99
29) 2,4-Dichlorophenol	7.95	162	207377	42.49	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	221155	39.31	ng		99
31) Naphthalene	8.11	128	658269	40.33	ng		100
32) Benzoic acid	7.89	122	124290	37.93	ng		98
33) 4-Chloroaniline	8.17	127	127423	18.80	ng		99
34) Hexachlorobutadiene	8.23	225	133257	38.02	ng		98
35) Caprolactam	8.55	113	63239	44.65	ng		91
36) 4-Chloro-3-methylphenol	8.66	107	213521	44.74	ng		96
37) 2-Methylnaphthalene	8.81	142	482212	42.62	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	216969	36.27	ng		98
40) Hexachlorocyclopentadiene	8.96	237	183442	62.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	145820	36.70	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	166870	38.77	ng	#	95
45) 1,1'-Biphenyl	9.28	154	592921	38.66	ng		95
46) 2-Chloronaphthalene	9.30	162	468955	38.84	ng		98
47) 2-Nitroaniline	9.41	65	142926	43.12	ng	#	77
48) Acenaphthylene	9.71	152	711532	37.83	ng		100
49) Dimethylphthalate	9.58	163	548736	38.75	ng		99
50) 2,6-Dinitrotoluene	9.65	165	115450	38.63	ng	#	79
51) Acenaphthene	9.89	154	416611	36.90	ng		99
52) 3-Nitroaniline	9.82	138	76001	22.52	ng		100
53) 2,4-Dinitrophenol	9.93	184	132381	79.33	ng		90
54) Dibenzofuran	10.06	168	613469	39.58	ng		97
55) 4-Nitrophenol	9.99	139	152541	69.17	ng		87
56) 2,4-Dinitrotoluene	10.06	165	161016	43.11	ng		92
57) Fluorene	10.40	166	493337	38.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	139361	39.63	ng		98
59) Diethylphthalate	10.29	149	553199	41.90	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	245387	42.08	ng	#	81
61) 4-Nitroaniline	10.43	138	120160	36.70	ng		92
62) Azobenzene	10.56	77	528650	40.92	ng		85
64) 4,6-Dinitro-2-methylphenol	10.46	198	83530	39.35	ng	#	47
65) n-Nitrosodiphenylamine	10.51	169	448111	39.56	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	143619	37.93	ng	#	82
67) Hexachlorobenzene	10.95	284	160744	39.26	ng	#	76
68) Atrazine	11.05	200	164693	45.90	ng		97
69) Pentachlorophenol	11.15	266	172008	81.64	ng		97
70) Phenanthrene	11.37	178	797360	43.00	ng		99
71) Anthracene	11.42	178	790765	41.38	ng		99
72) Carbazole	11.58	167	699319	40.12	ng		99
73) Di-n-butylphthalate	11.91	149	922703	42.91	ng		99
74) Fluoranthene	12.56	202	820405	41.19	ng		98
76) Benzidine	12.70	184	266283	25.99	ng		98
77) Pyrene	12.80	202	897180	42.76	ng		99
79) Butylbenzylphthalate	13.45	149	396357	41.40	ng		96
80) Benzo(a)anthracene	14.07	228	726910	39.52	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	196240	28.11	ng		100
82) Chrysene	14.12	228	726163	37.47	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	554451	40.59	ng		100
84) Di-n-octyl phthalate	14.78	149	911689	38.86	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	608027	39.47	ng		98
87) Benzo(b)fluoranthene	15.25	252	647812m	34.71	ng		
88) Benzo(k)fluoranthene	15.28	252	680468m	43.38	ng		
89) Benzo(a)pyrene	15.61	252	639601	39.88	ng		97
90) Dibenzo(a,h)anthracene	17.13	278	513385	39.06	ng		97
91) Benzo(g,h,i)perylene	17.54	276	490581	38.42	ng		99

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

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