Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081221.D
Acq On : 26 Aug 2015 19:45
Operator : UM/IZ
Sample : PB85191BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85191BS

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:15 PM

Quant Time: Aug 27 01:12:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 00:52:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	46802	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	185241	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	82415	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	169237	20.00	ng		0.00
75) Chrysene-d12	13.64	240	126368	20.00	ng		0.00
86) Perylene-d12	14.95	264	109473	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	258766	83.16	ng		0.01
7) Phenol-d6	6.17	99	338504	83.38	ng		0.00
23) Nitrobenzene-d5	7.09	82	294959	72.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	57151	80.00	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	473250	75.24	ng		-0.01
78) Terphenyl-d14	12.59	244	413900	70.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.97	88	44962	30.66	ng		94
3) Pyridine	2.56	79	131109	31.68	ng	#	81
4) n-Nitrosodimethylamine	2.51	42	80170	34.79	ng	#	74
6) Aniline	6.17	93	125527	21.26	ng	#	53
8) 2-Chlorophenol	6.30	128	132812	38.99	ng		97
9) Benzaldehyde	6.06	77	27156	10.38	ng		83
10) Phenol	6.18	94	192822	40.21	ng		81
11) bis(2-Chloroethyl)ether	6.26	93	139299	37.86	ng		93
12) 1,3-Dichlorobenzene	6.46	146	132514	36.21	ng		96
13) 1,4-Dichlorobenzene	6.54	146	136841	37.76	ng		99
14) 1,2-Dichlorobenzene	6.69	146	126398	37.27	ng		96
15) Benzyl Alcohol	6.67	79	122095	37.17	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	254988	35.27	ng		98
17) 2-Methylphenol	6.80	107	114237	39.09	ng		94
18) Hexachloroethane	7.03	117	53709	36.68	ng		96
19) n-Nitroso-di-n-propylamine	6.95	70	98788	35.13	ng		92
20) 3+4-Methylphenols	6.96	107	145539	39.24	ng	#	42
22) Acetophenone	6.94	105	192057	39.49	ng	#	86
24) Nitrobenzene	7.11	77	162924	38.43	ng		98
25) Isophorone	7.35	82	264416	34.97	ng		99
26) 2-Nitrophenol	7.43	139	71853	40.75	ng	#	67
27) 2,4-Dimethylphenol	7.49	122	120146	38.52	ng		88
28) bis(2-Chloroethoxy)methane	7.58	93	178088	39.86	ng		98
29) 2,4-Dichlorophenol	7.67	162	100604	38.31	ng		90
30) 1,2,4-Trichlorobenzene	7.75	180	106192	36.38	ng		98
31) Naphthalene	7.83	128	384874	37.27	ng		99
32) Benzoic acid	7.61	122	69183	39.43	ng		93
33) 4-Chloroaniline	7.89	127	57491	13.20	ng	#	87
34) Hexachlorobutadiene	7.95	225	62063	37.60	ng		97
35) Caprolactam	8.26	113	41334m	45.03	ng		
36) 4-Chloro-3-methylphenol	8.38	107	122167	39.03	ng		99
37) 2-Methylnaphthalene	8.51	142	237486	36.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	101906	38.32	ng		98
40) Hexachlorocyclopentadiene	8.67	237	108533	78.86	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	74801	39.82	ng		99
43) 2,4,5-Trichlorophenol	8.85	196	75496	40.21	ng		97
45) 1,1'-Biphenyl	8.98	154	317970	43.80	ng		98
46) 2-Chloronaphthalene	8.99	162	215058	36.88	ng	#	90
47) 2-Nitroaniline	9.10	65	90758	38.03	ng		97
48) Acenaphthylene	9.41	152	336432	32.25	ng		98
49) Dimethylphthalate	9.29	163	244575	36.03	ng		99
50) 2,6-Dinitrotoluene	9.35	165	54380	37.32	ng	#	73
51) Acenaphthene	9.58	154	198044	31.71	ng		99
52) 3-Nitroaniline	9.51	138	38296	21.00	ng		99
53) 2,4-Dinitrophenol	9.62	184	57139	71.93	ng	#	70
54) Dibenzofuran	9.75	168	290111	34.66	ng		92
55) 4-Nitrophenol	9.69	139	87165	68.06	ng	#	82
56) 2,4-Dinitrotoluene	9.75	165	70497	36.50	ng	#	63
57) Fluorene	10.09	166	248083	38.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.87	232	60177m	41.41	ng		
59) Diethylphthalate	9.99	149	278845	38.81	ng		97
60) 4-Chlorophenyl-phenylether	10.09	204	112478	41.29	ng		95
61) 4-Nitroaniline	10.13	138	73710	39.55	ng		89
62) Azobenzene	10.25	77	341041	41.20	ng		92
64) 4,6-Dinitro-2-methylphenol	10.15	198	33755	33.40	ng		87
65) n-Nitrosodiphenylamine	10.22	169	228165	37.77	ng		97
66) 4-Bromophenyl-phenylether	10.57	248	59985	36.08	ng	#	69
67) Hexachlorobenzene	10.63	284	61702	36.65	ng	#	77
68) Atrazine	10.74	200	62702	37.25	ng		99
69) Pentachlorophenol	10.83	266	72538	71.80	ng		97
70) Phenanthrene	11.04	178	371269	37.02	ng		99
71) Anthracene	11.09	178	359344	36.82	ng		99
72) Carbazole	11.25	167	348715	37.11	ng		98
73) Di-n-butylphthalate	11.60	149	455980	40.10	ng		99
74) Fluoranthene	12.22	202	420565	38.86	ng		97
76) Benzidine	12.34	184	164870	34.54	ng		98
77) Pyrene	12.43	202	386186	37.59	ng		99
79) Butylbenzylphthalate	13.07	149	175996	39.86	ng	#	66
80) Benzo(a)anthracene	13.62	228	351324	41.46	ng		98
81) 3,3'-Dichlorobenzidine	13.59	252	59684	21.74	ng		98
82) Chrysene	13.66	228	347280	45.47	ng		100
83) Bis(2-ethylhexyl)phthalate	13.65	149	250303	44.25	ng		100
84) Di-n-octyl phthalate	14.25	149	417429	48.56	ng		97
85) Indeno(1,2,3-cd)pyrene	16.12	276	259431	48.38	ng	#	93
87) Benzo(b)fluoranthene	14.61	252	279028m	36.03	ng		
88) Benzo(k)fluoranthene	14.64	252	295317m	40.93	ng		
89) Benzo(a)pyrene	14.90	252	264476	39.20	ng	#	95
90) Dibenzo(a,h)anthracene	16.14	278	210282	40.00	ng		99
91) Benzo(g,h,i)perylene	16.47	276	209622	39.30	ng	#	95

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

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