Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084764.D
Acq On : 3 Feb 2016 1:08
Operator : SJ/IZ
Sample : PB88115BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88115BS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:44 PM

Quant Time: Feb 03 13:08:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	172336	20.00	ng		-0.03
21) Naphthalene-d8	7.98	136	752527	20.00	ng		-0.03
38) Acenaphthene-d10	9.73	164	346468	20.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	671233	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	558528	20.00	ng		-0.02
86) Perylene-d12	15.22	264	381511	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	177702	16.06	ng		-0.02
7) Phenol-d6	6.34	99	224574	16.37	ng		-0.03
23) Nitrobenzene-d5	7.26	82	128330	9.61	ng		-0.03
41) 2,4,6-Tribromophenol	10.52	330	59495	16.46	ng		-0.03
44) 2-Fluorobiphenyl	9.06	172	259031	8.81	ng		-0.03
78) Terphenyl-d14	12.80	244	279801	11.35	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	23077	4.76	ng	#	68
3) Pyridine	2.97	79	55560	4.40	ng	#	79
4) n-Nitrosodimethylamine	2.84	42	31491	4.82	ng	#	66
6) Aniline	6.35	93	68927	4.11	ng	#	40
8) 2-Chlorophenol	6.48	128	67566	5.39	ng		94
9) Benzaldehyde	6.24	77	27719	3.42	ng		96
10) Phenol	6.35	94	86780	5.65	ng		87
11) bis(2-Chloroethyl)ether	6.43	93	64593	5.39	ng		87
12) 1,3-Dichlorobenzene	6.64	146	68648	5.19	ng		98
13) 1,4-Dichlorobenzene	6.72	146	66026m	4.99	ng		
14) 1,2-Dichlorobenzene	6.86	146	67589	5.49	ng		97
15) Benzyl Alcohol	6.84	79	49374	5.21	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.98	45	105093	5.21	ng		86
17) 2-Methylphenol	6.97	107	53132	5.36	ng		98
18) Hexachloroethane	7.21	117	25624	5.03	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	44336	5.16	ng	#	88
20) 3+4-Methylphenols	7.13	107	69656	5.67	ng		89
22) Acetophenone	7.10	105	91055	4.59	ng		97
24) Nitrobenzene	7.28	77	62786	4.39	ng		95
25) Isophorone	7.52	82	114228	4.40	ng	#	93
26) 2-Nitrophenol	7.61	139	28926	4.10	ng		97
27) 2,4-Dimethylphenol	7.65	122	58059	4.73	ng		92
28) bis(2-Chloroethoxy)methane	7.74	93	81928	5.32	ng		98
29) 2,4-Dichlorophenol	7.85	162	53470	5.09	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	58867	4.96	ng	#	94
31) Naphthalene	8.01	128	195409	5.18	ng		96
32) Benzoic acid	7.73	122	20620	2.63	ng		93
33) 4-Chloroaniline	8.06	127	63745	4.08	ng	#	90
34) Hexachlorobutadiene	8.13	225	31457	4.60	ng		98
35) Caprolactam	8.40	113	14873	4.60	ng	#	70
36) 4-Chloro-3-methylphenol	8.54	107	54435	4.54	ng		89
37) 2-Methylnaphthalene	8.69	142	123573	5.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	55820	5.07	ng		97
40) Hexachlorocyclopentadiene	8.85	237	33827	11.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	36096	5.09	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	33191	4.61	ng		94
45) 1,1'-Biphenyl	9.16	154	168922	5.46	ng		98
46) 2-Chloronaphthalene	9.18	162	118209	5.19	ng	#	89
47) 2-Nitroaniline	9.29	65	31819	4.41	ng	#	57
48) Acenaphthylene	9.60	152	189029	5.47	ng		98
49) Dimethylphthalate	9.46	163	128695	4.88	ng	#	90
50) 2,6-Dinitrotoluene	9.53	165	29038	5.04	ng	#	87
51) Acenaphthene	9.77	154	118142	5.25	ng		97
52) 3-Nitroaniline	9.69	138	29844	4.61	ng		92
53) 2,4-Dinitrophenol	9.80	184	15997	11.38	ng	#	83
54) Dibenzofuran	9.94	168	175888	6.40	ng		98
55) 4-Nitrophenol	9.87	139	36213	7.61	ng		93
56) 2,4-Dinitrotoluene	9.93	165	41476	5.64	ng		94
57) Fluorene	10.28	166	140664	6.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	29122	5.31	ng	#	87
59) Diethylphthalate	10.17	149	135285	5.25	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	60004	5.58	ng	#	84
61) 4-Nitroaniline	10.29	138	29650	4.70	ng		93
62) Azobenzene	10.43	77	138656	5.60	ng		86
64) 4,6-Dinitro-2-methylphenol	10.33	198	12691	3.06	ng	#	24
65) n-Nitrosodiphenylamine	10.40	169	120953	5.67	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	37198	5.02	ng	#	78
67) Hexachlorobenzene	10.83	284	41252	5.11	ng	#	83
68) Atrazine	10.92	200	36056	5.36	ng		97
69) Pentachlorophenol	11.02	266	25271	6.66	ng		97
70) Phenanthrene	11.24	178	194990	5.24	ng		99
71) Anthracene	11.29	178	217040	5.79	ng		98
72) Carbazole	11.45	167	184386	5.64	ng		97
73) Di-n-butylphthalate	11.79	149	215313	5.17	ng		100
74) Fluoranthene	12.42	202	210654	5.59	ng		96
76) Benzidine	12.54	184	60779	8.95	ng		97
77) Pyrene	12.65	202	214964	5.03	ng		98
79) Butylbenzylphthalate	13.28	149	83106	4.28	ng		96
80) Benzo(a)anthracene	13.84	228	168570	4.86	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	36493	2.97	ng	#	94
82) Chrysene	13.87	228	161056	4.79	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	108370	4.49	ng	#	97
84) Di-n-octyl phthalate	14.45	149	167308	4.20	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.51	276	103201	3.90	ng		98
87) Benzo(b)fluoranthene	14.84	252	142167m	5.55	ng		
88) Benzo(k)fluoranthene	14.87	252	104931m	4.95	ng		
89) Benzo(a)pyrene	15.16	252	106610	4.88	ng	#	96
90) Dibenzo(a,h)anthracene	16.52	278	88317	4.80	ng		96
91) Benzo(g,h,i)perylene	16.90	276	91528	4.94	ng		96

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

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