Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081383.D
Acq On : 3 Sep 2015 18:40
Operator : UM/IZ
Sample : PB85348BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85348BS

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:50:56 PM

Quant Time: Sep 04 03:52:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	55363	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	210353	20.00	ng		-0.01
38) Acenaphthene-d10	9.40	164	106810	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	214968	20.00	ng		0.00
75) Chrysene-d12	13.47	240	166217	20.00	ng		0.00
86) Perylene-d12	14.78	264	105045	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	404612	113.39	ng		0.01
7) Phenol-d6	6.04	99	544732	115.33	ng		0.00
23) Nitrobenzene-d5	6.95	82	335444	76.94	ng		0.00
41) 2,4,6-Tribromophenol	10.19	330	123509	129.87	ng		0.00
44) 2-Fluorobiphenyl	8.74	172	582816	69.93	ng		-0.01
78) Terphenyl-d14	12.46	244	618829	86.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	47035	29.35	ng	#	88
3) Pyridine	2.30	79	160185	36.25	ng	#	78
4) n-Nitrosodimethylamine	2.26	42	95250	38.80	ng	#	75
6) Aniline	6.03	93	168355	25.24	ng	#	80
8) 2-Chlorophenol	6.16	128	161880	41.17	ng		88
9) Benzaldehyde	5.91	77	18663	6.31	ng	#	83
10) Phenol	6.06	94	185234	33.82	ng	#	45
11) bis(2-Chloroethyl)ether	6.12	93	162752	41.18	ng		91
12) 1,3-Dichlorobenzene	6.31	146	161504	38.44	ng	#	92
13) 1,4-Dichlorobenzene	6.39	146	167752	39.22	ng	#	91
14) 1,2-Dichlorobenzene	6.54	146	142971	37.12	ng	#	87
15) Benzyl Alcohol	6.54	79	142288	36.72	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	304477	40.19	ng	#	1
17) 2-Methylphenol	6.67	107	132276	42.16	ng	#	76
18) Hexachloroethane	6.88	117	60955	36.63	ng		90
19) n-Nitroso-di-n-propylamine	6.81	70	118778	36.95	ng	#	90
20) 3+4-Methylphenols	6.83	107	172803	40.85	ng		88
22) Acetophenone	6.80	105	234373	40.79	ng	#	77
24) Nitrobenzene	6.97	77	200522	44.29	ng	#	68
25) Isophorone	7.21	82	314842	38.82	ng	#	83
26) 2-Nitrophenol	7.29	139	82934	42.03	ng	#	64
27) 2,4-Dimethylphenol	7.36	122	141645	41.56	ng	#	84
28) bis(2-Chloroethoxy)methane	7.44	93	183613	39.20	ng	#	92
29) 2,4-Dichlorophenol	7.54	162	127431	43.11	ng		95
30) 1,2,4-Trichlorobenzene	7.61	180	134242	41.81	ng		98
31) Naphthalene	7.68	128	425112	37.89	ng		98
32) Benzoic acid	7.51	122	78045	32.92	ng	#	55
33) 4-Chloroaniline	7.75	127	93245	20.38	ng	#	85
34) Hexachlorobutadiene	7.80	225	77501	39.66	ng		97
35) Caprolactam	8.14	113	48175m	53.14	ng		
36) 4-Chloro-3-methylphenol	8.26	107	159325	48.16	ng	#	73
37) 2-Methylnaphthalene	8.38	142	315030	43.15	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	119964	35.51	ng		99
40) Hexachlorocyclopentadiene	8.52	237	128536	77.54	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	84224	36.13	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	92257	38.79	ng	#	97
45) 1,1'-Biphenyl	8.84	154	375856	38.25	ng		95
46) 2-Chloronaphthalene	8.86	162	256774	36.18	ng	#	88
47) 2-Nitroaniline	8.97	65	127647	44.13	ng	#	67
48) Acenaphthylene	9.27	152	478139	37.98	ng		98
49) Dimethylphthalate	9.16	163	341634	41.17	ng	#	97
50) 2,6-Dinitrotoluene	9.22	165	69925	37.13	ng		94
51) Acenaphthene	9.44	154	282959	39.51	ng		91
52) 3-Nitroaniline	9.38	138	57287	26.72	ng	#	72
53) 2,4-Dinitrophenol	9.50	184	65374	82.41	ng	#	79
54) Dibenzofuran	9.61	168	424010	40.55	ng	#	88
55) 4-Nitrophenol	9.58	139	94689m	70.29	ng		
56) 2,4-Dinitrotoluene	9.61	165	93157	38.84	ng	#	1
57) Fluorene	9.94	166	311516	39.25	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.74	232	75850	41.77	ng		91
59) Diethylphthalate	9.85	149	329069	37.70	ng		93
60) 4-Chlorophenyl-phenylether	9.95	204	159904	43.23	ng		93
61) 4-Nitroaniline	9.99	138	74167	34.24	ng	#	22
62) Azobenzene	10.11	77	385346	39.71	ng		95
64) 4,6-Dinitro-2-methylphenol	10.02	198	52738	43.86	ng		93
65) n-Nitrosodiphenylamine	10.08	169	305652	39.07	ng		92
66) 4-Bromophenyl-phenylether	10.43	248	87987	40.48	ng		94
67) Hexachlorobenzene	10.49	284	90259	39.72	ng	#	81
68) Atrazine	10.62	200	98130	43.35	ng		82
69) Pentachlorophenol	10.70	266	93826	84.28	ng		97
70) Phenanthrene	10.89	178	431561	36.11	ng		96
71) Anthracene	10.95	178	502441	40.92	ng		98
72) Carbazole	11.11	167	431939	37.49	ng		96
73) Di-n-butylphthalate	11.46	149	534680	39.30	ng	#	98
74) Fluoranthene	12.07	202	531501	41.08	ng		86
76) Benzidine	12.20	184	210990	29.57	ng		97
77) Pyrene	12.28	202	505411	41.05	ng		98
79) Butylbenzylphthalate	12.94	149	228578	42.69	ng	#	78
80) Benzo(a)anthracene	13.46	228	414607	39.17	ng		97
81) 3,3'-Dichlorobenzidine	13.45	252	84137	23.56	ng	#	93
82) Chrysene	13.51	228	406722	42.86	ng		96
83) Bis(2-ethylhexyl)phthalate	13.51	149	292926	41.45	ng	#	94
84) Di-n-octyl phthalate	14.11	149	446452	38.37	ng		98
85) Indeno(1,2,3-cd)pyrene	15.86	276	237255	34.08	ng	#	88
87) Benzo(b)fluoranthene	14.46	252	316021m	42.14	ng		
88) Benzo(k)fluoranthene	14.48	252	263454m	42.34	ng		
89) Benzo(a)pyrene	14.73	252	260745	41.03	ng	#	89
90) Dibenzo(a,h)anthracene	15.87	278	196590	40.03	ng	#	81
91) Benzo(g,h,i)perylene	16.18	276	199395	42.54	ng	#	74

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

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