Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081886.D
Acq On : 29 Sep 2015 18:30
Operator : UM/IZ
Sample : PB85618BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85618BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:35 AM

Quant Time: Sep 30 02:11:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	81532	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	328974	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	161557	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	339941	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	336790	20.00	ng		-0.01
86) Perylene-d12	15.57	264	294336	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	439960	97.96	ng		0.00
7) Phenol-d6	6.55	99	610245	107.98	ng		-0.01
23) Nitrobenzene-d5	7.49	82	419237	84.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	228760	139.81	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	922892	98.64	ng		-0.01
78) Terphenyl-d14	13.04	244	953044	94.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	50620	25.92	ng		93
3) Pyridine	3.37	79	123440	24.27	ng		90
4) n-Nitrosodimethylamine	3.33	42	64625	27.98	ng		88
6) Aniline	6.58	93	185400m	24.42	ng		
8) 2-Chlorophenol	6.71	128	191424	38.60	ng		98
9) Benzaldehyde	6.47	77	64278	17.37	ng	#	79
10) Phenol	6.56	94	219030	34.55	ng	#	56
11) bis(2-Chloroethyl)ether	6.66	93	195136	39.69	ng		92
12) 1,3-Dichlorobenzene	6.86	146	219956	37.54	ng	#	92
13) 1,4-Dichlorobenzene	6.94	146	235578	38.51	ng	#	93
14) 1,2-Dichlorobenzene	7.09	146	218380m	40.06	ng		
15) Benzyl Alcohol	7.07	79	156320	38.32	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.20	45	291707	41.97	ng		78
17) 2-Methylphenol	7.18	107	163103	40.56	ng	#	84
18) Hexachloroethane	7.43	117	81651	42.63	ng	#	88
19) n-Nitroso-di-n-propylamine	7.34	70	147013	42.80	ng	#	77
20) 3+4-Methylphenols	7.33	107	207065	40.77	ng	#	64
22) Acetophenone	7.34	105	287580	42.76	ng	#	81
24) Nitrobenzene	7.51	77	225256	42.04	ng	#	71
25) Isophorone	7.75	82	394423	40.32	ng	#	94
26) 2-Nitrophenol	7.83	139	110173	42.83	ng	#	76
27) 2,4-Dimethylphenol	7.86	122	183591	40.57	ng	#	81
28) bis(2-Chloroethoxy)methane	7.95	93	238547	41.07	ng	#	92
29) 2,4-Dichlorophenol	8.07	162	188757	43.02	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	201923	41.22	ng		99
31) Naphthalene	8.23	128	621451	42.63	ng		97
32) Benzoic acid	7.98	122	99808	38.57	ng	#	66
33) 4-Chloroaniline	8.29	127	137618	21.83	ng	#	93
34) Hexachlorobutadiene	8.34	225	121581	41.97	ng		99
35) Caprolactam	8.65	113	52108	42.90	ng	#	80
36) 4-Chloro-3-methylphenol	8.77	107	191260	44.58	ng		88
37) 2-Methylnaphthalene	8.93	142	421116	42.32	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	206647	41.66	ng		99
40) Hexachlorocyclopentadiene	9.07	237	237212	92.87	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	130561	38.40	ng		100
43) 2,4,5-Trichlorophenol	9.25	196	166451	47.60	ng		97
45) 1,1'-Biphenyl	9.38	154	519470	41.68	ng		96
46) 2-Chloronaphthalene	9.42	162	411991	42.10	ng		98
47) 2-Nitroaniline	9.51	65	123459	42.97	ng	#	61
48) Acenaphthylene	9.83	152	651868	41.62	ng		96
49) Dimethylphthalate	9.69	163	477944	42.86	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	108383	44.77	ng		93
51) Acenaphthene	10.00	154	458803	49.33	ng		89
52) 3-Nitroaniline	9.93	138	78316	27.96	ng	#	81
53) 2,4-Dinitrophenol	10.03	184	109687	87.36	ng	#	78
54) Dibenzofuran	10.17	168	560117	42.61	ng	#	83
55) 4-Nitrophenol	10.09	139	183334	90.59	ng	#	64
56) 2,4-Dinitrotoluene	10.16	165	153543	49.75	ng	#	92
57) Fluorene	10.51	166	467136	49.92	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.29	232	131063	47.25	ng		95
59) Diethylphthalate	10.39	149	491550	47.19	ng		97
60) 4-Chlorophenyl-phenylether	10.51	204	223192	46.38	ng		98
61) 4-Nitroaniline	10.55	138	120346	42.85	ng	#	50
62) Azobenzene	10.66	77	484434	47.65	ng		86
64) 4,6-Dinitro-2-methylphenol	10.56	198	68717	45.18	ng		78
65) n-Nitrosodiphenylamine	10.63	169	419142	40.75	ng		92
66) 4-Bromophenyl-phenylether	11.01	248	147760	43.11	ng	#	88
67) Hexachlorobenzene	11.06	284	160736	41.55	ng	#	83
68) Atrazine	11.15	200	128325	40.21	ng		82
69) Pentachlorophenol	11.26	266	191697	86.97	ng		98
70) Phenanthrene	11.49	178	755464	46.23	ng		97
71) Anthracene	11.53	178	771798	44.67	ng		97
72) Carbazole	11.69	167	695395	44.47	ng		95
73) Di-n-butylphthalate	12.01	149	746544	46.93	ng	#	98
74) Fluoranthene	12.68	202	792484	43.52	ng		86
76) Benzidine	12.80	184	241822	23.83	ng	#	97
77) Pyrene	12.90	202	828533	41.18	ng		96
79) Butylbenzylphthalate	13.52	149	374775	49.50	ng		97
80) Benzo(a)anthracene	14.09	228	718298	39.61	ng		96
81) 3,3'-Dichlorobenzidine	14.06	252	193147	31.53	ng	#	94
82) Chrysene	14.13	228	683189m	41.54	ng		
83) Bis(2-ethylhexyl)phthalate	14.07	149	502372	52.90	ng	#	90
84) Di-n-octyl phthalate	14.69	149	802378	51.92	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.03	276	649284	45.77	ng	#	85
87) Benzo(b)fluoranthene	15.14	252	691173	41.13	ng	#	85
88) Benzo(k)fluoranthene	15.17	252	639678m	41.53	ng		
89) Benzo(a)pyrene	15.51	252	639660	43.88	ng	#	84
90) Dibenzo(a,h)anthracene	17.05	278	544341	44.51	ng	#	78
91) Benzo(g,h,i)perylene	17.48	276	522620	41.70	ng	#	72

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

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