Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081699.D
Acq On : 18 Sep 2015 16:13
Operator : UM/IZ
Sample : PB85607BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85607BS

Manual Integrations APPROVED
MMDadoda
9/21/2015 2:22:05 PM

Quant Time: Sep 19 05:25:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42807	20.00	ng		-0.06
21) Naphthalene-d8	11.06	136	172004	20.00	ng		-0.06
38) Acenaphthene-d10	15.20	164	82621	20.00	ng		-0.06
63) Phenanthrene-d10	18.70	188	174123	20.00	ng		-0.06
75) Chrysene-d12	23.35	240	141749	20.00	ng		-0.03
86) Perylene-d12	24.79	264	88330	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	324378	117.57	ng		-0.01
7) Phenol-d6	7.60	99	448614	122.84	ng		-0.04
23) Nitrobenzene-d5	9.48	82	295332	82.84	ng		-0.06
41) 2,4,6-Tribromophenol	17.11	330	99381	135.09	ng		-0.06
44) 2-Fluorobiphenyl	13.72	172	534413	82.89	ng		-0.06
78) Terphenyl-d14	22.07	244	526376	86.44	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	34396m	27.76	ng		
3) Pyridine	2.12	79	118938	34.81	ng	#	77
4) n-Nitrosodimethylamine	2.09	42	88686	46.72	ng	#	59
6) Aniline	7.48	93	131331	25.47	ng	#	83
8) 2-Chlorophenol	7.72	128	128369	42.22	ng	#	76
9) Benzaldehyde	7.19	77	46077	20.14	ng	#	72
10) Phenol	7.62	94	166177	39.24	ng	#	51
11) bis(2-Chloroethyl)ether	7.70	93	125892	41.20	ng	#	72
12) 1,3-Dichlorobenzene	8.02	146	127371	39.21	ng	#	91
13) 1,4-Dichlorobenzene	8.21	146	128748	38.93	ng	#	88
14) 1,2-Dichlorobenzene	8.53	146	123726	41.55	ng	#	91
15) Benzyl Alcohol	8.62	79	127822	42.67	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	8.93	45	270607	46.20	ng		95
17) 2-Methylphenol	8.95	107	101113	41.68	ng	#	76
18) Hexachloroethane	9.26	117	53778	41.79	ng	#	89
19) n-Nitroso-di-n-propylamine	9.24	70	107633	43.30	ng	#	90
20) 3+4-Methylphenols	9.34	107	133842	40.92	ng		85
22) Acetophenone	9.16	105	190147	40.47	ng	#	73
24) Nitrobenzene	9.51	77	152994	41.32	ng	#	63
25) Isophorone	10.10	82	274648	41.42	ng	#	83
26) 2-Nitrophenol	10.24	139	62915	38.99	ng	#	24
27) 2,4-Dimethylphenol	10.52	122	114900	41.23	ng	#	74
28) bis(2-Chloroethoxy)methane	10.71	93	161113	42.06	ng	#	93
29) 2,4-Dichlorophenol	10.86	162	100010	41.38	ng		91
30) 1,2,4-Trichlorobenzene	10.97	180	108500	41.32	ng		96
31) Naphthalene	11.12	128	372360	40.59	ng		99
32) Benzoic acid	11.03	122	54468	28.47	ng	#	52
33) 4-Chloroaniline	11.36	127	81852	21.88	ng	#	84
34) Hexachlorobutadiene	11.46	225	68316	42.76	ng		98
35) Caprolactam	12.29	113	30928m	41.73	ng		
36) 4-Chloro-3-methylphenol	12.68	107	127282	47.05	ng	#	72
37) 2-Methylnaphthalene	12.77	142	250976	42.04	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	108507	41.53	ng		97
40) Hexachlorocyclopentadiene	13.16	237	110337	86.05	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	72802	40.37	ng		99
43) 2,4,5-Trichlorophenol	13.64	196	76930	41.82	ng	#	89
45) 1,1'-Biphenyl	13.91	154	311800	41.02	ng		97
46) 2-Chloronaphthalene	13.90	162	229995	41.90	ng	#	87
47) 2-Nitroaniline	14.25	65	98052	43.83	ng	#	61
48) Acenaphthylene	14.86	152	401191	41.20	ng		97
49) Dimethylphthalate	14.80	163	287145	44.73	ng	#	96
50) 2,6-Dinitrotoluene	14.89	165	57965	39.79	ng	#	35
51) Acenaphthene	15.28	154	223832	40.40	ng		87
52) 3-Nitroaniline	15.25	138	41530	25.04	ng	#	43
53) 2,4-Dinitrophenol	15.55	184	57622	77.69	ng	#	14
54) Dibenzofuran	15.71	168	358344	44.30	ng	#	86
55) 4-Nitrophenol	15.88	139	76844	73.75	ng	#	6
56) 2,4-Dinitrotoluene	15.84	165	82984	44.73	ng	#	53
57) Fluorene	16.52	166	283743	46.22	ng		95
58) 2,3,4,6-Tetrachlorophenol	16.07	232	66933	47.65	ng		93
59) Diethylphthalate	16.49	149	318641	47.19	ng		96
60) 4-Chlorophenyl-phenylether	16.61	204	136101	47.57	ng	#	85
61) 4-Nitroaniline	16.72	138	58037	34.63	ng	#	14
62) Azobenzene	16.97	77	357420	47.61	ng		82
64) 4,6-Dinitro-2-methylphenol	16.81	198	40794	41.89	ng	#	81
65) n-Nitrosodiphenylamine	16.93	169	245651	38.77	ng		92
66) 4-Bromophenyl-phenylether	17.75	248	77852	44.22	ng		93
67) Hexachlorobenzene	17.80	284	77851	42.29	ng	#	79
68) Atrazine	18.35	200	89332	48.72	ng	#	77
69) Pentachlorophenol	18.35	266	60119	68.50	ng		96
70) Phenanthrene	18.77	178	408579	42.21	ng		97
71) Anthracene	18.88	178	418274	42.06	ng		98
72) Carbazole	19.36	167	382440	40.98	ng		95
73) Di-n-butylphthalate	20.41	149	520909	47.27	ng	#	98
74) Fluoranthene	21.39	202	447139	42.67	ng		90
76) Benzidine	21.71	184	169676	27.88	ng		98
77) Pyrene	21.74	202	459138	43.73	ng		98
79) Butylbenzylphthalate	22.77	149	208465	45.65	ng	#	76
80) Benzo(a)anthracene	23.34	228	375753	41.63	ng		97
81) 3,3'-Dichlorobenzidine	23.35	252	81544	26.78	ng	#	93
82) Chrysene	23.39	228	345003	42.64	ng		96
83) Bis(2-ethylhexyl)phthalate	23.47	149	300005	49.78	ng	#	92
84) Di-n-octyl phthalate	24.12	149	432129	43.55	ng		96
85) Indeno(1,2,3-cd)pyrene	25.82	276	222381	37.46	ng	#	83
87) Benzo(b)fluoranthene	24.45	252	287455m	45.58	ng		
88) Benzo(k)fluoranthene	24.47	252	228819m	43.73	ng		
89) Benzo(a)pyrene	24.73	252	241312	45.16	ng	#	88
90) Dibenzo(a,h)anthracene	25.83	278	182522	44.20	ng	#	79
91) Benzo(g,h,i)perylene	26.12	276	174484	44.27	ng	#	76

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

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