Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081603.D
Acq On : 14 Sep 2015 12:08
Operator : UM/IZ
Sample : PB85471BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 14 14:05:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 14 13:51:56 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB85471BS

Manual Integrations APPROVED
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9/14/2015 3:12:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	49934	20.00	ng		0.00
21) Naphthalene-d8	11.13	136	203238	20.00	ng		0.00
38) Acenaphthene-d10	15.27	164	100518	20.00	ng		0.00
63) Phenanthrene-d10	18.77	188	218606	20.00	ng		0.00
75) Chrysene-d12	23.40	240	182704	20.00	ng		0.00
86) Perylene-d12	24.82	264	140095	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	377934	117.43	ng		0.02
7) Phenol-d6	7.66	99	523299	122.84	ng		0.00
23) Nitrobenzene-d5	9.53	82	335410	79.62	ng		-0.01
41) 2,4,6-Tribromophenol	17.18	330	118212	132.08	ng		0.00
44) 2-Fluorobiphenyl	13.78	172	611722	77.99	ng		0.00
78) Terphenyl-d14	22.12	244	636110	81.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.65	88	44454m	30.75	ng		
3) Pyridine	2.16	79	122149	30.65	ng	#	82
4) n-Nitrosodimethylamine	2.13	42	95059	42.93	ng	#	63
6) Aniline	7.53	93	160281	26.64	ng	#	83
8) 2-Chlorophenol	7.78	128	138776	39.13	ng		82
9) Benzaldehyde	7.25	77	69960	26.21	ng	#	73
10) Phenol	7.68	94	187902	38.03	ng	#	55
11) bis(2-Chloroethyl)ether	7.77	93	139932	39.26	ng	#	63
12) 1,3-Dichlorobenzene	8.08	146	137366	36.25	ng	#	90
13) 1,4-Dichlorobenzene	8.26	146	140908	36.52	ng	#	89
14) 1,2-Dichlorobenzene	8.58	146	134508	38.72	ng	#	90
15) Benzyl Alcohol	8.67	79	139213	39.84	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.99	45	296803	43.44	ng		61
17) 2-Methylphenol	9.01	107	115132	40.69	ng	#	76
18) Hexachloroethane	9.33	117	57759	38.48	ng	#	85
19) n-Nitroso-di-n-propylamine	9.29	70	117258	40.44	ng	#	90
20) 3+4-Methylphenols	9.38	107	149812	39.27	ng		85
22) Acetophenone	9.21	105	208514	37.56	ng	#	74
24) Nitrobenzene	9.57	77	168391	38.49	ng	#	63
25) Isophorone	10.17	82	301434	38.47	ng	#	85
26) 2-Nitrophenol	10.30	139	70901	37.19	ng	#	29
27) 2,4-Dimethylphenol	10.57	122	129801	39.42	ng	#	76
28) bis(2-Chloroethoxy)methane	10.77	93	181534	40.11	ng	#	93
29) 2,4-Dichlorophenol	10.91	162	115359	40.40	ng		91
30) 1,2,4-Trichlorobenzene	11.04	180	117291	37.81	ng		99
31) Naphthalene	11.18	128	407000	37.55	ng		98
32) Benzoic acid	11.06	122	74672	32.62	ng	#	52
33) 4-Chloroaniline	11.42	127	95256	21.55	ng	#	85
34) Hexachlorobutadiene	11.53	225	74948	39.70	ng		98
35) Caprolactam	12.33	113	37625m	42.96	ng		
36) 4-Chloro-3-methylphenol	12.74	107	144588	45.23	ng	#	78
37) 2-Methylnaphthalene	12.84	142	274366	38.90	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.24	216	117968	37.11	ng		98
40) Hexachlorocyclopentadiene	13.22	237	136205	87.31	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	83506	38.06	ng		98
43) 2,4,5-Trichlorophenol	13.69	196	87889	39.27	ng	#	90
45) 1,1'-Biphenyl	13.98	154	340011	36.77	ng		97
46) 2-Chloronaphthalene	13.97	162	250282	37.48	ng	#	88
47) 2-Nitroaniline	14.31	65	109614	40.27	ng	#	58
48) Acenaphthylene	14.92	152	441308	37.25	ng		98
49) Dimethylphthalate	14.86	163	317857	40.70	ng	#	96
50) 2,6-Dinitrotoluene	14.95	165	65480	36.94	ng	#	32
51) Acenaphthene	15.35	154	250910	37.23	ng		89
52) 3-Nitroaniline	15.32	138	53010	26.27	ng	#	64
53) 2,4-Dinitrophenol	15.60	184	74920	82.56	ng	#	37
54) Dibenzofuran	15.77	168	395085	40.14	ng	#	86
55) 4-Nitrophenol	15.93	139	106193	83.77	ng	#	13
56) 2,4-Dinitrotoluene	15.90	165	95322	42.23	ng	#	53
57) Fluorene	16.58	166	319983	42.84	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.14	232	75573	44.23	ng		93
59) Diethylphthalate	16.56	149	358441	43.63	ng		96
60) 4-Chlorophenyl-phenylether	16.68	204	152626	43.85	ng	#	88
61) 4-Nitroaniline	16.79	138	73212	35.91	ng	#	25
62) Azobenzene	17.04	77	399209	43.71	ng		84
64) 4,6-Dinitro-2-methylphenol	16.87	198	50249	41.10	ng		97
65) n-Nitrosodiphenylamine	17.00	169	278021	34.95	ng		93
66) 4-Bromophenyl-phenylether	17.82	248	86456	39.11	ng		94
67) Hexachlorobenzene	17.86	284	87494	37.86	ng	#	87
68) Atrazine	18.40	200	103985	45.17	ng	#	75
69) Pentachlorophenol	18.41	266	90279	80.21	ng		98
70) Phenanthrene	18.82	178	465560	38.31	ng		97
71) Anthracene	18.95	178	475751	38.10	ng		98
72) Carbazole	19.43	167	450621	38.46	ng		97
73) Di-n-butylphthalate	20.48	149	599805	43.35	ng	#	97
74) Fluoranthene	21.44	202	536885	40.81	ng		88
76) Benzidine	21.75	184	250517	31.94	ng		98
77) Pyrene	21.78	202	534636	39.50	ng		97
79) Butylbenzylphthalate	22.81	149	267226	45.40	ng		92
80) Benzo(a)anthracene	23.38	228	471154	40.49	ng		98
81) 3,3'-Dichlorobenzidine	23.38	252	102239	26.05	ng	#	93
82) Chrysene	23.42	228	398629	38.22	ng		96
83) Bis(2-ethylhexyl)phthalate	23.50	149	340958	43.90	ng	#	91
84) Di-n-octyl phthalate	24.15	149	527453	41.24	ng		96
85) Indeno(1,2,3-cd)pyrene	25.88	276	309014	40.38	ng	#	85
87) Benzo(b)fluoranthene	24.48	252	373704m	37.36	ng		
88) Benzo(k)fluoranthene	24.50	252	345385m	41.62	ng		
89) Benzo(a)pyrene	24.78	252	355158	41.90	ng	#	81
90) Dibenzo(a,h)anthracene	25.89	278	260066	39.71	ng	#	76
91) Benzo(g,h,i)perylene	26.17	276	244765	39.16	ng	#	76

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

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