Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082221.D
Acq On : 12 Oct 2015 15:31
Operator : UM/IZ
Sample : PB86065BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86065BS

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:27:35 PM

Quant Time: Oct 13 02:26:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 02:05:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95193m	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	368938	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	188712	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	384518	20.00	ng		0.00
75) Chrysene-d12	14.01	240	380248	20.00	ng		0.00
86) Perylene-d12	15.44	264	315868	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	450171	95.44	ng		0.01
7) Phenol-d6	6.47	99	589694	96.07	ng		0.00
23) Nitrobenzene-d5	7.41	82	386534	70.36	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	196345	110.94	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	770891	67.74	ng		0.00
78) Terphenyl-d14	12.95	244	857996	59.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	57825	24.40	ng	#	89
3) Pyridine	3.18	79	163944	29.74	ng		95
4) n-Nitrosodimethylamine	3.13	42	64636	27.65	ng	#	96
6) Aniline	6.49	93	159873m	20.20	ng		
8) 2-Chlorophenol	6.62	128	185795	32.27	ng		92
9) Benzaldehyde	6.38	77	91874	29.31	ng		98
10) Phenol	6.48	94	192354	27.18	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	179194	29.94	ng		95
12) 1,3-Dichlorobenzene	6.77	146	195003m	29.08	ng		
13) 1,4-Dichlorobenzene	6.85	146	202251m	28.88	ng		
14) 1,2-Dichlorobenzene	7.01	146	194772	29.29	ng	#	92
15) Benzyl Alcohol	6.98	79	144859	34.19	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	255128	30.61	ng		97
17) 2-Methylphenol	7.10	107	147431	32.38	ng		96
18) Hexachloroethane	7.34	117	66195	27.62	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	115769m	26.86	ng		
20) 3+4-Methylphenols	7.25	107	172819	31.85	ng		93
22) Acetophenone	7.25	105	234624	32.15	ng		98
24) Nitrobenzene	7.42	77	166042	27.92	ng		99
25) Isophorone	7.66	82	332227	29.96	ng		100
26) 2-Nitrophenol	7.74	139	99203	33.41	ng		95
27) 2,4-Dimethylphenol	7.78	122	159605	33.36	ng		92
28) bis(2-Chloroethoxy)methane	7.87	93	218193	33.82	ng		98
29) 2,4-Dichlorophenol	7.98	162	158578	33.16	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	165034	29.94	ng		98
31) Naphthalene	8.14	128	481841	30.13	ng		100
32) Benzoic acid	7.90	122	80861	25.18	ng		97
33) 4-Chloroaniline	8.19	127	72767	10.96	ng		99
34) Hexachlorobutadiene	8.25	225	97421	28.36	ng		98
35) Caprolactam	8.56	113	47989m	34.58	ng		
36) 4-Chloro-3-methylphenol	8.69	107	169305	36.20	ng		92
37) 2-Methylnaphthalene	8.83	142	367210	33.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	169533	30.20	ng		98
40) Hexachlorocyclopentadiene	8.98	237	145987	54.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	116301	31.20	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	128191	31.74	ng	#	92
45) 1,1'-Biphenyl	9.30	154	461078	32.04	ng		96
46) 2-Chloronaphthalene	9.33	162	353933	31.24	ng		97
47) 2-Nitroaniline	9.43	65	107189	34.47	ng	#	79
48) Acenaphthylene	9.74	152	542766	30.76	ng		99
49) Dimethylphthalate	9.60	163	415961	31.30	ng		99
50) 2,6-Dinitrotoluene	9.67	165	89492	31.92	ng	#	82
51) Acenaphthene	9.91	154	364880	34.44	ng		99
52) 3-Nitroaniline	9.84	138	52570	16.60	ng		98
53) 2,4-Dinitrophenol	9.95	184	85090	56.36	ng	#	83
54) Dibenzofuran	10.08	168	467850	32.17	ng		96
55) 4-Nitrophenol	10.01	139	144398	69.61	ng		99
56) 2,4-Dinitrotoluene	10.08	165	123022	35.10	ng		88
57) Fluorene	10.42	166	379710	31.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	115037	34.86	ng		92
59) Diethylphthalate	10.31	149	416448	33.62	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	189878	34.70	ng	#	83
61) 4-Nitroaniline	10.46	138	102799	33.46	ng		98
62) Azobenzene	10.58	77	409056	33.74	ng		87
64) 4,6-Dinitro-2-methylphenol	10.48	198	63511	29.43	ng		76
65) n-Nitrosodiphenylamine	10.54	169	345624	30.02	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	116425	30.25	ng	#	81
67) Hexachlorobenzene	10.97	284	130388	31.33	ng	#	82
68) Atrazine	11.07	200	128459	35.22	ng		96
69) Pentachlorophenol	11.17	266	133933	62.54	ng		98
70) Phenanthrene	11.40	178	615904	32.68	ng		99
71) Anthracene	11.44	178	641918	33.05	ng		99
72) Carbazole	11.60	167	597601	33.73	ng		99
73) Di-n-butylphthalate	11.93	149	681820	31.20	ng	#	97
74) Fluoranthene	12.57	202	652944	32.26	ng		96
76) Benzidine	12.71	184	353618	32.09	ng		98
77) Pyrene	12.80	202	682470	30.24	ng		99
79) Butylbenzylphthalate	13.43	149	315452	30.63	ng	#	84
80) Benzo(a)anthracene	14.00	228	620227	31.35	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	124258	16.55	ng	#	97
82) Chrysene	14.04	228	634954	30.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	409331	27.86	ng	#	97
84) Di-n-octyl phthalate	14.60	149	675446	26.77	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	472520	28.52	ng		99
87) Benzo(b)fluoranthene	15.03	252	565095m	29.41	ng		
88) Benzo(k)fluoranthene	15.05	252	547241m	33.88	ng		
89) Benzo(a)pyrene	15.38	252	517599	31.34	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	388017	28.67	ng	#	96
91) Benzo(g,h,i)perylene	17.27	276	384723	29.26	ng		99

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

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