Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
Data File : BF082595.D
Acq On : 31 Oct 2015 2:30
Operator : UM/IZ
Sample : PB86203BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:06 PM

Quant Time: Oct 31 04:08:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176874	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	688893	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	368855	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	709167	20.00	ng		0.00
75) Chrysene-d12	14.08	240	562783	20.00	ng		0.00
86) Perylene-d12	15.52	264	397026	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1029604	87.67	ng		0.01
7) Phenol-d6	6.53	99	1295644	83.05	ng		0.00
23) Nitrobenzene-d5	7.47	82	1414208	83.83	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	336176	83.28	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2134123	82.15	ng		0.00
78) Terphenyl-d14	13.03	244	1939342	75.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	182178	33.56	ng		90
3) Pyridine	3.34	79	563050	35.37	ng		96
4) n-Nitrosodimethylamine	3.29	42	325101	36.28	ng		96
6) Aniline	6.56	93	501979	23.11	ng		93
8) 2-Chlorophenol	6.69	128	489980	38.56	ng		98
9) Benzaldehyde	6.44	77	225273	21.15	ng		99
10) Phenol	6.54	94	733401	41.49	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	482941	37.03	ng		96
12) 1,3-Dichlorobenzene	6.84	146	518282	35.77	ng		99
13) 1,4-Dichlorobenzene	6.92	146	567843	39.52	ng		97
14) 1,2-Dichlorobenzene	7.08	146	509789	38.22	ng		97
15) Benzyl Alcohol	7.05	79	613383	42.16	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	842686	40.66	ng		99
17) 2-Methylphenol	7.16	107	461942	42.76	ng		98
18) Hexachloroethane	7.42	117	224298	40.00	ng		95
19) n-Nitroso-di-n-propylamine	7.32	70	423653	35.82	ng		97
20) 3+4-Methylphenols	7.31	107	517522	36.86	ng		90
22) Acetophenone	7.31	105	768327	37.88	ng	#	77
24) Nitrobenzene	7.48	77	595107	34.90	ng	#	84
25) Isophorone	7.73	82	1188143	38.28	ng		99
26) 2-Nitrophenol	7.80	139	230553	37.01	ng		96
27) 2,4-Dimethylphenol	7.85	122	496164	40.80	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	623425	36.72	ng		98
29) 2,4-Dichlorophenol	8.05	162	446424	40.28	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	452259	36.77	ng		98
31) Naphthalene	8.21	128	1339133	35.92	ng		100
32) Benzoic acid	7.96	122	320630	36.35	ng		98
33) 4-Chloroaniline	8.26	127	220436	13.85	ng	#	89
34) Hexachlorobutadiene	8.34	225	295720	37.80	ng		99
35) Caprolactam	8.62	113	136513	40.14	ng	#	86
36) 4-Chloro-3-methylphenol	8.74	107	537348	41.17	ng		99
37) 2-Methylnaphthalene	8.91	142	1025887	42.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	472685	38.40	ng	#	98
40) Hexachlorocyclopentadiene	9.07	237	651653	84.22	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	362065	40.74	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	304697	34.41	ng		96
45) 1,1'-Biphenyl	9.38	154	1190471	38.21	ng		97
46) 2-Chloronaphthalene	9.40	162	950548	39.07	ng		97
47) 2-Nitroaniline	9.48	65	324623	34.33	ng		98
48) Acenaphthylene	9.81	152	1526065	39.22	ng		100
49) Dimethylphthalate	9.68	163	1155301	38.35	ng		99
50) 2,6-Dinitrotoluene	9.73	165	268825	43.05	ng		89
51) Acenaphthene	9.98	154	1037410	42.00	ng		99
52) 3-Nitroaniline	9.89	138	140788	20.27	ng		88
53) 2,4-Dinitrophenol	10.00	184	238080	72.28	ng	#	56
54) Dibenzofuran	10.16	168	1259412	37.57	ng		99
55) 4-Nitrophenol	10.05	139	371243	71.03	ng	#	65
56) 2,4-Dinitrotoluene	10.13	165	335723	39.76	ng		92
57) Fluorene	10.50	166	1046522	38.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	281977	37.68	ng		100
59) Diethylphthalate	10.38	149	1222690	39.87	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	506304	38.52	ng		96
61) 4-Nitroaniline	10.51	138	223417	33.70	ng		94
62) Azobenzene	10.65	77	1403136	40.57	ng		84
64) 4,6-Dinitro-2-methylphenol	10.54	198	178477	41.73	ng		84
65) n-Nitrosodiphenylamine	10.61	169	970290	39.80	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	295550	36.78	ng	#	61
67) Hexachlorobenzene	11.05	284	333311	37.41	ng	#	89
68) Atrazine	11.14	200	320948	40.24	ng		99
69) Pentachlorophenol	11.24	266	474105	80.69	ng		99
70) Phenanthrene	11.46	178	1502294	37.56	ng		99
71) Anthracene	11.52	178	1678968	41.69	ng		99
72) Carbazole	11.66	167	1456085	41.51	ng		99
73) Di-n-butylphthalate	12.01	149	1919164	42.98	ng		99
74) Fluoranthene	12.65	202	1618950	39.59	ng		98
76) Benzidine	12.76	184	435045	17.14	ng		99
77) Pyrene	12.88	202	1628938	39.09	ng		100
79) Butylbenzylphthalate	13.51	149	767303	42.04	ng		89
80) Benzo(a)anthracene	14.07	228	1393062	38.97	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	205743	16.70	ng	#	94
82) Chrysene	14.10	228	1008744	31.13	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	925857	39.13	ng	#	96
84) Di-n-octyl phthalate	14.68	149	1406883	38.12	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	987773	36.94	ng		99
87) Benzo(b)fluoranthene	15.11	252	965771	35.28	ng		99
88) Benzo(k)fluoranthene	15.14	252	1021216m	48.96	ng		
89) Benzo(a)pyrene	15.46	252	911014	42.25	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	840558	41.78	ng		98
91) Benzo(g,h,i)perylene	17.39	276	813276	41.72	ng		97

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

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