Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
Data File : BF077621.D
Acq On : 6 Mar 2015 14:52
Operator : TP/IZ
Sample : PB81936BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81936BS

Manual Integrations APPROVED
mohammad
3/9/2015 3:24:54 PM

Quant Time: Mar 06 23:43:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 22:10:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	65843	20.00	ng		0.00
21) Naphthalene-d8	8.78	136	258698	20.00	ng		0.00
38) Acenaphthene-d10	10.95	164	130440	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	259973	20.00	ng		0.00
75) Chrysene-d12	16.08	240	280589	20.00	ng		0.00
86) Perylene-d12	17.80	264	263220	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	479892	121.68	ng		0.00
7) Phenol-d6	6.77	99	637556	125.73	ng		0.00
23) Nitrobenzene-d5	7.90	82	340948	81.96	ng		0.00
41) 2,4,6-Tribromophenol	11.93	330	165180	131.52	ng		0.00
44) 2-Fluorobiphenyl	10.13	172	772054	92.29	ng		0.00
78) Terphenyl-d14	14.79	244	920912	76.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	56984	34.05	ng	#	88
3) Pyridine	2.87	79	162071	33.85	ng		97
4) n-Nitrosodimethylamine	2.77	42	80176	38.52	ng		93
6) Aniline	6.79	93	146447	20.90	ng	#	90
8) 2-Chlorophenol	6.93	128	178754	38.42	ng		96
9) Benzaldehyde	6.65	77	28968	9.41	ng		93
10) Phenol	6.79	94	226525	37.65	ng		79
11) bis(2-Chloroethyl)ether	6.89	93	160322	37.08	ng		98
12) 1,3-Dichlorobenzene	7.13	146	186687	36.85	ng	#	94
13) 1,4-Dichlorobenzene	7.23	146	183210	35.55	ng		97
14) 1,2-Dichlorobenzene	7.41	146	173110	35.31	ng		95
15) Benzyl Alcohol	7.39	79	144305	37.43	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.56	45	224665	36.35	ng		97
17) 2-Methylphenol	7.54	107	137566	37.83	ng		98
18) Hexachloroethane	7.83	117	66368	38.55	ng	#	84
19) n-Nitroso-di-n-propylamine	7.72	70	123495	38.35	ng		97
20) 3+4-Methylphenols	7.73	107	189182	39.50	ng	#	75
22) Acetophenone	7.71	105	237221	38.98	ng	#	89
24) Nitrobenzene	7.92	77	169207	38.66	ng	#	82
25) Isophorone	8.22	82	315623	38.24	ng		96
26) 2-Nitrophenol	8.31	139	84919	47.34	ng		91
27) 2,4-Dimethylphenol	8.38	122	156778	39.06	ng		96
28) bis(2-Chloroethoxy)methane	8.50	93	200766	38.51	ng		100
29) 2,4-Dichlorophenol	8.61	162	153166	40.65	ng		96
30) 1,2,4-Trichlorobenzene	8.71	180	156839	37.87	ng		98
31) Naphthalene	8.81	128	509850	39.41	ng		99
32) Benzoic acid	8.48	122	83125	42.62	ng		97
33) 4-Chloroaniline	8.88	127	121439	21.11	ng		98
34) Hexachlorobutadiene	8.96	225	87612	37.05	ng		99
35) Caprolactam	9.31	113	47322	41.14	ng	#	82
36) 4-Chloro-3-methylphenol	9.49	107	157644	41.62	ng		96
37) 2-Methylnaphthalene	9.67	142	357956	38.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.87	216	151196	40.40	ng	#	97
40) Hexachlorocyclopentadiene	9.86	237	154655	77.06	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.02	196	109789	44.30	ng		99
43) 2,4,5-Trichlorophenol	10.06	196	118644	44.76	ng	#	95
45) 1,1'-Biphenyl	10.25	154	421952	42.70	ng		98
46) 2-Chloronaphthalene	10.27	162	333994	43.09	ng		95
47) 2-Nitroaniline	10.40	65	93148	48.82	ng		90
48) Acenaphthylene	10.78	152	515228	41.99	ng		100
49) Dimethylphthalate	10.64	163	385245	42.02	ng		100
50) 2,6-Dinitrotoluene	10.71	165	83051	45.17	ng	#	49
51) Acenaphthene	10.99	154	301756	41.21	ng		100
52) 3-Nitroaniline	10.91	138	67516	31.85	ng		82
53) 2,4-Dinitrophenol	11.05	184	64440	115.17	ng		94
54) Dibenzofuran	11.21	168	475433	42.06	ng		99
55) 4-Nitrophenol	11.13	139	158068	92.70	ng	#	76
56) 2,4-Dinitrotoluene	11.20	165	115625	46.54	ng	#	90
57) Fluorene	11.63	166	389450	43.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.36	232	91506	42.95	ng		94
59) Diethylphthalate	11.51	149	397429	43.97	ng		97
60) 4-Chlorophenyl-phenylether	11.64	204	177341	40.72	ng		94
61) 4-Nitroaniline	11.66	138	97829	48.15	ng		91
62) Azobenzene	11.84	77	375025	43.73	ng		98
64) 4,6-Dinitro-2-methylphenol	11.70	198	44067	42.91	ng	#	37
65) n-Nitrosodiphenylamine	11.79	169	346337	40.15	ng		99
66) 4-Bromophenyl-phenylether	12.25	248	116620	38.31	ng		99
67) Hexachlorobenzene	12.31	284	119280	36.50	ng		95
68) Atrazine	12.46	200	115120	41.05	ng		97
69) Pentachlorophenol	12.56	266	135035	78.63	ng		100
70) Phenanthrene	12.82	178	566117	37.57	ng		99
71) Anthracene	12.88	178	597471	39.96	ng		99
72) Carbazole	13.09	167	566266	39.83	ng		100
73) Di-n-butylphthalate	13.55	149	647629	38.79	ng	#	97
74) Fluoranthene	14.30	202	635308	38.60	ng		98
76) Benzidine	14.48	184	256122	27.02	ng		98
77) Pyrene	14.57	202	673438	39.24	ng		99
79) Butylbenzylphthalate	15.41	149	287318	40.69	ng	#	84
80) Benzo(a)anthracene	16.06	228	639985	38.92	ng		100
81) 3,3'-Dichlorobenzidine	16.04	252	157210	26.09	ng		99
82) Chrysene	16.11	228	591081	38.28	ng		98
83) Bis(2-ethylhexyl)phthalate	16.13	149	425434	37.57	ng	#	95
84) Di-n-octyl phthalate	16.91	149	726366	38.42	ng		99
85) Indeno(1,2,3-cd)pyrene	19.22	276	661615	37.58	ng		99
87) Benzo(b)fluoranthene	17.36	252	602994	39.39	ng	#	98
88) Benzo(k)fluoranthene	17.39	252	600704m	40.05	ng		
89) Benzo(a)pyrene	17.73	252	577220	39.60	ng		98
90) Dibenzo(a,h)anthracene	19.24	278	553729	39.83	ng		98
91) Benzo(g,h,i)perylene	19.63	276	551842	39.33	ng		98

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

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