Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094880.D
Acq On : 4 May 2017 18:30
Operator : SJ/MA
Sample : PB98591BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Manual Integrations APPROVED
mohammad
5/5/2017 5:23:28 PM

Quant Time: May 05 01:46:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	86028	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	346489	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	165536	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	321356	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	268592	20.00	ng		-0.01
86) Perylene-d12	20.30	264	228413	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	708298	137.27	ng		0.00
7) Phenol-d6	7.27	99	855614	138.20	ng		0.00
23) Nitrobenzene-d5	8.62	82	502333	91.42	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	198043	146.08	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1027429	89.34	ng		-0.01
78) Terphenyl-d14	17.30	244	913793	74.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	83612	33.04	ng		93
3) Pyridine	2.79	79	209566	35.73	ng		98
4) n-Nitrosodimethylamine	2.71	42	97079	39.71	ng		82
6) Aniline	7.22	93	249621	31.94	ng		95
8) 2-Chlorophenol	7.41	128	270496	46.06	ng		97
9) Benzaldehyde	7.05	77	26396	6.98	ng		90
10) Phenol	7.29	94	304829	46.72	ng		87
11) bis(2-Chloroethyl)ether	7.36	93	233765	43.40	ng		96
12) 1,3-Dichlorobenzene	7.62	146	280625	42.12	ng		98
13) 1,4-Dichlorobenzene	7.75	146	285778	42.30	ng		97
14) 1,2-Dichlorobenzene	7.98	146	269490	42.73	ng		96
15) Benzyl Alcohol	8.00	79	212058	53.25	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	304174	39.90	ng	#	35
17) 2-Methylphenol	8.22	107	215554	44.85	ng	#	90
18) Hexachloroethane	8.51	117	94302	41.20	ng		88
19) n-Nitroso-di-n-propylamine	8.43	70	179125	42.78	ng		94
20) 3+4-Methylphenols	8.47	107	292802	44.83	ng	#	60
22) Acetophenone	8.40	105	362987	43.66	ng	#	83
24) Nitrobenzene	8.65	77	259739	45.10	ng		92
25) Isophorone	9.05	82	466322	47.53	ng	#	94
26) 2-Nitrophenol	9.16	139	145288	46.75	ng		97
27) 2,4-Dimethylphenol	9.30	122	236735	47.12	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	298951	44.04	ng		99
29) 2,4-Dichlorophenol	9.57	162	236088	49.76	ng		98
30) 1,2,4-Trichlorobenzene	9.67	180	220782	43.44	ng		99
31) Naphthalene	9.78	128	753220	43.25	ng		98
32) Benzoic acid	9.60	122	150375	45.84	ng		93
33) 4-Chloroaniline	9.92	127	55009	8.48	ng		95
34) Hexachlorobutadiene	10.00	225	112633	42.00	ng		99
35) Caprolactam	10.54	113	78607m	55.18	ng		
36) 4-Chloro-3-methylphenol	10.77	107	253779	50.03	ng		89
37) 2-Methylnaphthalene	10.90	142	546097	47.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	212754	41.79	ng		100
40) Hexachlorocyclopentadiene	11.16	237	177520	82.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	155565	45.77	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	163612	44.79	ng	#	93
45) 1,1'-Biphenyl	11.67	154	600936	43.12	ng		98
46) 2-Chloronaphthalene	11.68	162	484879	43.09	ng		95
47) 2-Nitroaniline	11.89	65	140498	45.61	ng	#	81
48) Acenaphthylene	12.34	152	789194	44.77	ng		99
49) Dimethylphthalate	12.21	163	601674	44.27	ng		99
50) 2,6-Dinitrotoluene	12.31	165	131355	47.38	ng		98
51) Acenaphthene	12.62	154	461577	43.84	ng		99
52) 3-Nitroaniline	12.57	138	66542	22.36	ng	#	96
53) 2,4-Dinitrophenol	12.77	184	134929	87.71	ng	#	69
54) Dibenzofuran	12.91	168	717086	49.22	ng		98
55) 4-Nitrophenol	12.95	139	178698	99.99	ng	#	74
56) 2,4-Dinitrotoluene	12.97	165	181207	50.86	ng	#	89
57) Fluorene	13.47	166	548168	43.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	124851	54.30	ng		92
59) Diethylphthalate	13.37	149	533586	40.97	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	238881	42.91	ng		91
61) 4-Nitroaniline	13.57	138	127154	46.55	ng		94
62) Azobenzene	13.75	77	536445	51.25	ng		93
64) 4,6-Dinitro-2-methylphenol	13.63	198	93396	43.35	ng	#	67
65) n-Nitrosodiphenylamine	13.70	169	494314	42.38	ng		98
66) 4-Bromophenyl-phenylether	14.28	248	145333	42.81	ng		99
67) Hexachlorobenzene	14.36	284	149551	42.98	ng	#	86
68) Atrazine	14.62	200	137143	41.65	ng		97
69) Pentachlorophenol	14.71	266	134250	84.94	ng		98
70) Phenanthrene	15.01	178	843400	45.68	ng		98
71) Anthracene	15.09	178	875610	46.43	ng		98
72) Carbazole	15.38	167	811104	47.27	ng		98
73) Di-n-butylphthalate	15.95	149	941633	44.00	ng		98
74) Fluoranthene	16.75	202	872774	46.08	ng		98
76) Benzidine	16.97	184	129710	21.99	ng	#	94
77) Pyrene	17.05	202	891100	44.36	ng		99
79) Butylbenzylphthalate	17.96	149	380986	40.78	ng		90
80) Benzo(a)anthracene	18.63	228	725352	46.40	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	170297	31.54	ng	#	97
82) Chrysene	18.67	228	678836	44.91	ng		99
83) Bis(2-ethylhexyl)phthalate	18.70	149	560150	42.08	ng	#	99
84) Di-n-octyl phthalate	19.47	149	970537	44.47	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	546880	44.55	ng		99
87) Benzo(b)fluoranthene	19.89	252	703810	49.87	ng		97
88) Benzo(k)fluoranthene	19.92	252	615825	45.23	ng		96
89) Benzo(a)pyrene	20.25	252	603337	46.33	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	461043	42.86	ng		98
91) Benzo(g,h,i)perylene	21.96	276	415556	39.37	ng		95

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

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