Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095563.D
Acq On : 31 May 2017 14:47
Operator : SJ/MA
Sample : PB99293BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99293BS

Manual Integrations APPROVED
mohammad
6/1/2017 2:19:49 PM

Quant Time: Jun 01 10:55:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 04:09:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	116610	20.00	ng		0.00
21) Naphthalene-d8	9.58	136	477454	20.00	ng		0.00
38) Acenaphthene-d10	12.41	164	222473	20.00	ng		0.00
63) Phenanthrene-d10	14.81	188	393682	20.00	ng		0.00
75) Chrysene-d12	18.51	240	303089	20.00	ng		0.00
86) Perylene-d12	20.18	264	217412	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	992859	141.95	ng		0.02
7) Phenol-d6	7.12	99	1184689	141.17	ng		0.00
23) Nitrobenzene-d5	8.47	82	710375	93.82	ng		0.00
41) 2,4,6-Tribromophenol	13.72	330	253683	139.23	ng		0.00
44) 2-Fluorobiphenyl	11.37	172	1365074	88.32	ng		0.00
78) Terphenyl-d14	17.17	244	1157046	84.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	126052	36.75	ng		97
3) Pyridine	2.55	79	297642	37.44	ng		97
4) n-Nitrosodimethylamine	2.51	42	136128	41.08	ng	#	78
6) Aniline	7.06	93	277884	26.23	ng		94
8) 2-Chlorophenol	7.24	128	367783	46.20	ng		95
9) Benzaldehyde	6.87	77	80276	15.67	ng		99
10) Phenol	7.13	94	448681	50.74	ng		90
11) bis(2-Chloroethyl)ether	7.20	93	306370	41.96	ng		98
12) 1,3-Dichlorobenzene	7.45	146	390483	43.24	ng		99
13) 1,4-Dichlorobenzene	7.58	146	396606	43.31	ng		97
14) 1,2-Dichlorobenzene	7.81	146	369919	43.27	ng		96
15) Benzyl Alcohol	7.85	79	299682	55.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.05	45	446574	43.22	ng		95
17) 2-Methylphenol	8.07	107	307431	47.19	ng		96
18) Hexachloroethane	8.33	117	131890	42.51	ng	#	85
19) n-Nitroso-di-n-propylamine	8.28	70	265230	46.73	ng		95
20) 3+4-Methylphenols	8.34	107	400192	45.20	ng	#	61
22) Acetophenone	8.24	105	513033	44.79	ng	#	84
24) Nitrobenzene	8.50	77	366400	46.17	ng		93
25) Isophorone	8.90	82	656257	48.54	ng		95
26) 2-Nitrophenol	9.01	139	207695	48.50	ng		98
27) 2,4-Dimethylphenol	9.15	122	327833	47.35	ng		98
28) bis(2-Chloroethoxy)methane	9.27	93	438030	46.83	ng		98
29) 2,4-Dichlorophenol	9.43	162	316411	48.40	ng		99
30) 1,2,4-Trichlorobenzene	9.51	180	300932	42.97	ng		98
31) Naphthalene	9.62	128	1050949	43.80	ng		99
32) Benzoic acid	9.51	122	183500	41.17	ng		90
33) 4-Chloroaniline	9.77	127	189179	21.15	ng	#	93
34) Hexachlorobutadiene	9.84	225	152435	41.25	ng		99
35) Caprolactam	10.40	113	101404m	51.66	ng		
36) 4-Chloro-3-methylphenol	10.64	107	330624	47.30	ng		90
37) 2-Methylnaphthalene	10.75	142	732332	46.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.02	216	283596	41.45	ng		99
40) Hexachlorocyclopentadiene	11.00	237	174693	62.20	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.25	196	199750	43.73	ng		95
43) 2,4,5-Trichlorophenol	11.34	196	191460	39.00	ng	#	92
45) 1,1'-Biphenyl	11.51	154	819283	43.74	ng		98
46) 2-Chloronaphthalene	11.53	162	636216	42.07	ng		96
47) 2-Nitroaniline	11.75	65	187508	45.30	ng	#	83
48) Acenaphthylene	12.18	152	1042598	44.01	ng		99
49) Dimethylphthalate	12.07	163	774022	42.38	ng		99
50) 2,6-Dinitrotoluene	12.16	165	170408	45.73	ng	#	89
51) Acenaphthene	12.47	154	613679	43.37	ng		99
52) 3-Nitroaniline	12.43	138	105196	26.30	ng		84
53) 2,4-Dinitrophenol	12.64	184	180344	87.26	ng	#	67
54) Dibenzofuran	12.75	168	947156	48.37	ng		99
55) 4-Nitrophenol	12.82	139	186062	77.46	ng	#	70
56) 2,4-Dinitrotoluene	12.83	165	235108	49.10	ng	#	86
57) Fluorene	13.31	166	762047	44.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.00	232	160587	51.97	ng		91
59) Diethylphthalate	13.22	149	766318	43.78	ng		98
60) 4-Chlorophenyl-phenylether	13.34	204	333454	44.56	ng		90
61) 4-Nitroaniline	13.44	138	176730	48.14	ng		95
62) Azobenzene	13.59	77	722233	51.34	ng		94
64) 4,6-Dinitro-2-methylphenol	13.51	198	118841	45.03	ng	#	71
65) n-Nitrosodiphenylamine	13.55	169	655075	45.85	ng		99
66) 4-Bromophenyl-phenylether	14.12	248	188805	45.39	ng		98
67) Hexachlorobenzene	14.21	284	188186	44.15	ng	#	89
68) Atrazine	14.47	200	183064	45.38	ng		95
69) Pentachlorophenol	14.57	266	115388	61.35	ng		99
70) Phenanthrene	14.85	178	1014860	44.87	ng		98
71) Anthracene	14.94	178	1076219	46.58	ng		98
72) Carbazole	15.23	167	989817	47.08	ng		98
73) Di-n-butylphthalate	15.80	149	1171115	44.67	ng		99
74) Fluoranthene	16.61	202	1043416	44.97	ng		99
76) Benzidine	16.84	184	403702	49.08	ng	#	92
77) Pyrene	16.91	202	1039726	45.87	ng		100
79) Butylbenzylphthalate	17.82	149	493412	46.80	ng	#	87
80) Benzo(a)anthracene	18.50	228	816839	46.31	ng		99
81) 3,3'-Dichlorobenzidine	18.48	252	161338	26.48	ng	#	96
82) Chrysene	18.54	228	760169	44.57	ng		98
83) Bis(2-ethylhexyl)phthalate	18.57	149	690130	45.94	ng	#	99
84) Di-n-octyl phthalate	19.34	149	1121054	45.52	ng		96
85) Indeno(1,2,3-cd)pyrene	21.42	276	591766	42.72	ng		98
87) Benzo(b)fluoranthene	19.77	252	688222	51.23	ng		98
88) Benzo(k)fluoranthene	19.80	252	601741	46.44	ng		96
89) Benzo(a)pyrene	20.12	252	540372	43.59	ng		98
90) Dibenzo(a,h)anthracene	21.42	278	496217	48.47	ng		97
91) Benzo(g,h,i)perylene	21.78	276	473408	47.12	ng		97

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

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